

WELL TEST ANALYSIS

Data Set: J:\...MW-18S SO 2.aqt
Date: 07/17/06

Time: 17:25:35

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: SMW-18 SO 2
Test Date: 4/10/2006

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-18S SO 2)

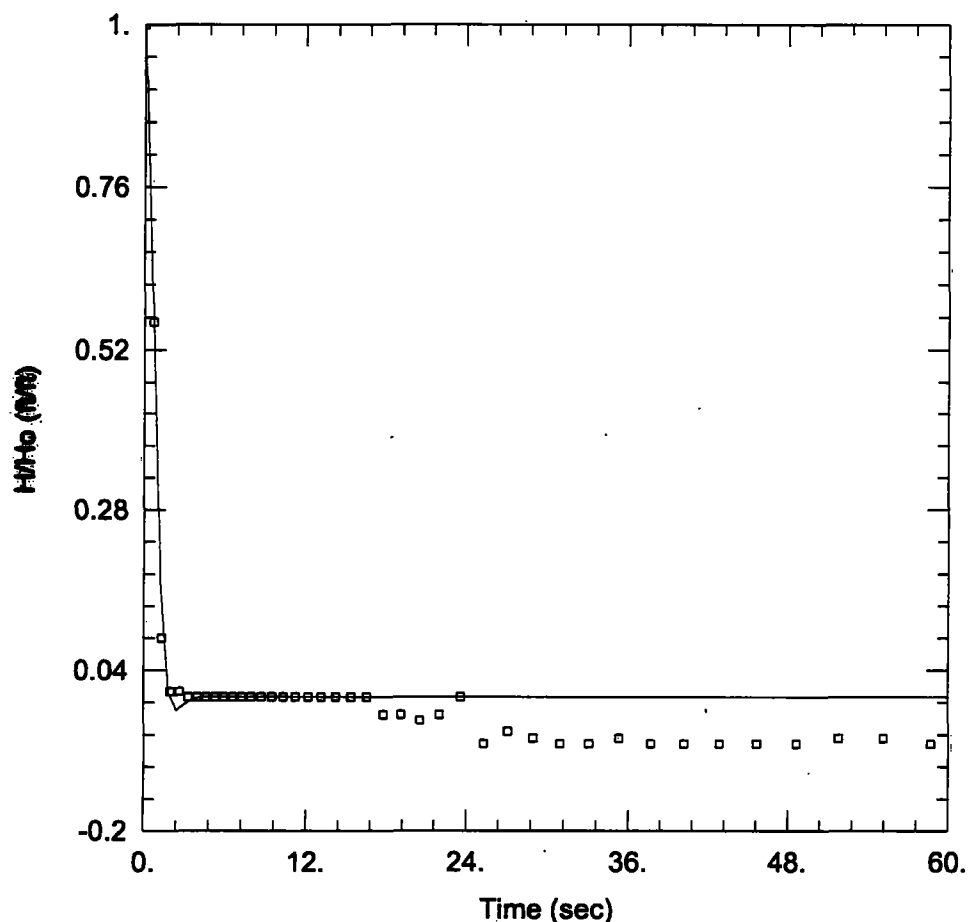
Initial Displacement: 0.223 ft
Total Well Penetration Depth: 6.12 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 6.12 ft
Screen Length: 6.12 ft
Well Radius: 0.177 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K =$ 65.85 ft/day

Solution Method: Springer-Gelhar
 $Le =$ 45.55 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-18S SO 3.aqt

Date: 07/17/06

Time: 15:01:36

PROJECT INFORMATION

Company: ENSR

Client: AK Steel

Project: 00076-069

Location: New Miami, OH

Test Well: SMW-18 SO 3

Test Date: 4/10/2006

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-18S SO 2)

Initial Displacement: 0.488 ft

Static Water Column Height: 6.12 ft

Total Well Penetration Depth: 6.12 ft

Screen Length: 6.12 ft

Casing Radius: 0.0833 ft

Well Radius: 0.177 ft

Gravel Pack Porosity: 0.3

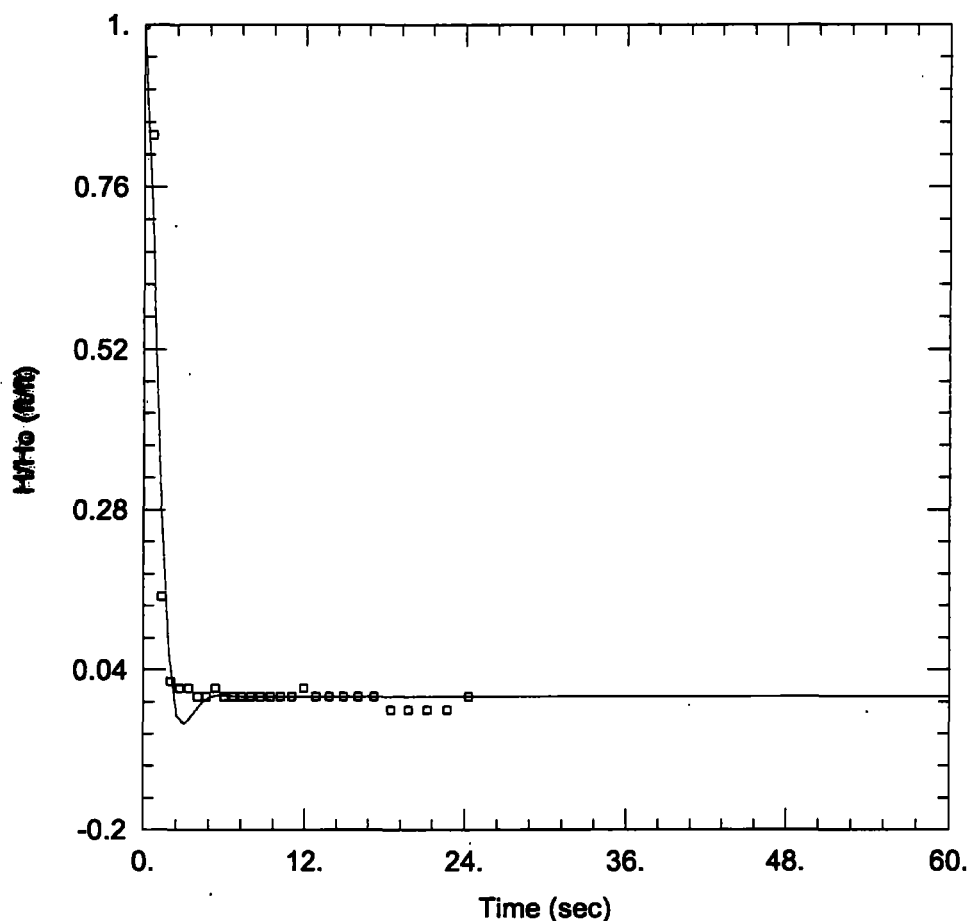
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

K = 145. ft/day

Le = 7.143 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-18S SO 4.aqt
Date: 07/17/06

Time: 15:01:53

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: SMW-18 SO 4
Test Date: 4/11/2006

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-18S SO 4)

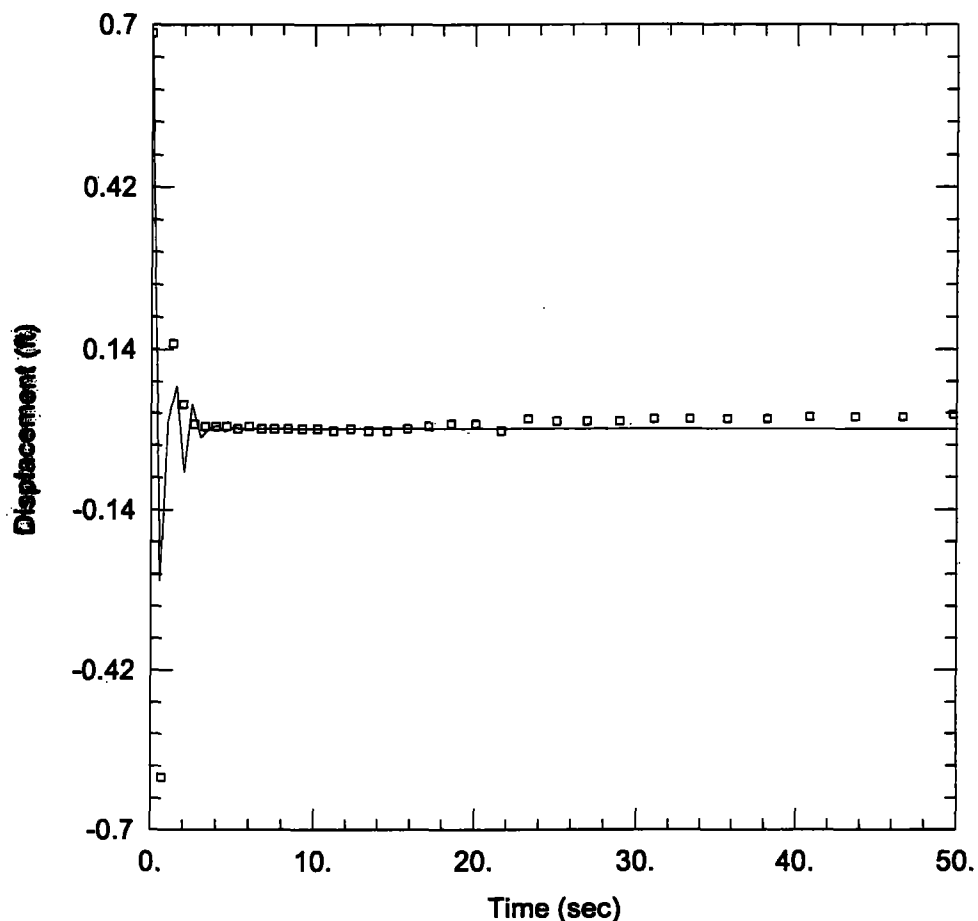
Initial Displacement: 0.399 ft
Total Well Penetration Depth: 6.1 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 6.1 ft
Screen Length: 6.1 ft
Well Radius: 0.177 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K =$ 118.6 ft/day

Solution Method: Springer-Gelhar
 $Le =$ 13.04 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21S SI 2.aqt
 Date: 07/10/06

Time: 11:17:13

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21S SI 2
 Test Date: 4/7/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SI 2)

Initial Displacement: 0.685 ft
 Total Well Penetration Depth: 6.11 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 6.11 ft
 Screen Length: 6.11 ft
 Well Radius: 0.177 ft
 Gravel Pack Porosity: 0.3

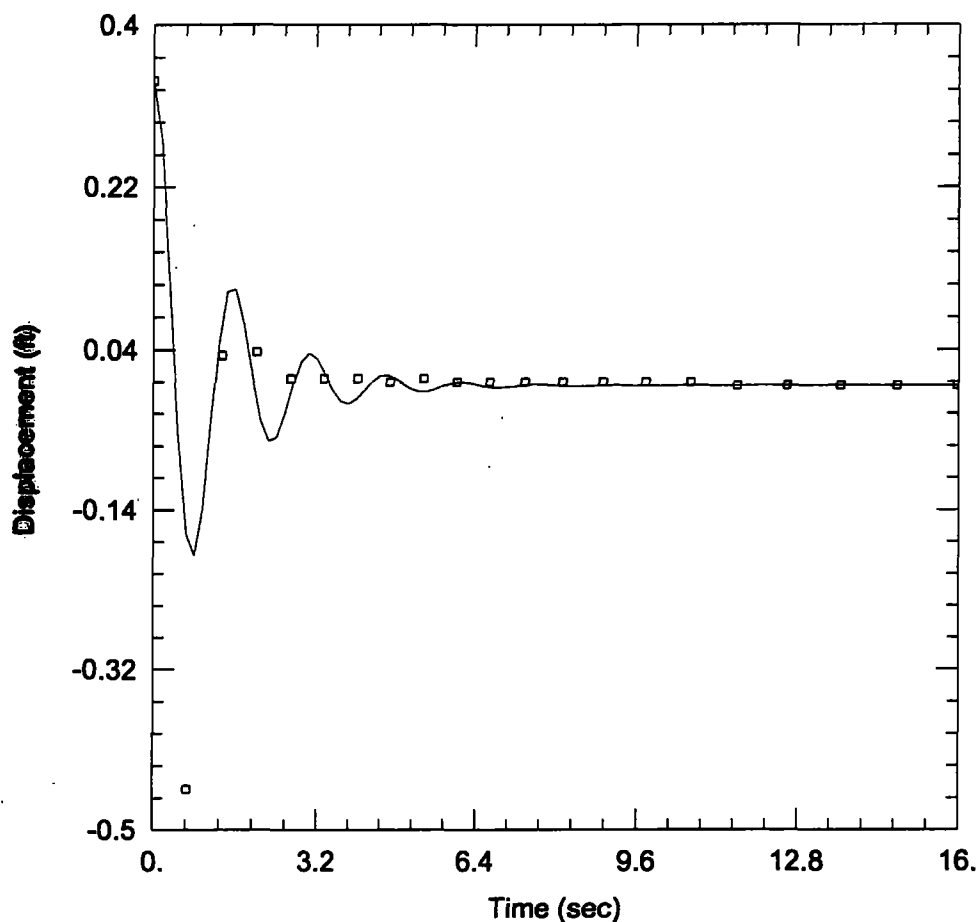
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

$K = 1577.4$ ft/day

$L_e = 1.238$ ft



WELL TEST ANALYSIS

Data Set: J:\...\MW-21S SI 3.aqt
 Date: 07/10/06

Time: 11:18:42

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21S SI 3
 Test Date: 4/12/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SI 3)

Initial Displacement: 0.338 ft
 Total Well Penetration Depth: 5.79 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 5.79 ft
 Screen Length: 5.79 ft
 Well Radius: 0.177 ft
 Gravel Pack Porosity: 0.3

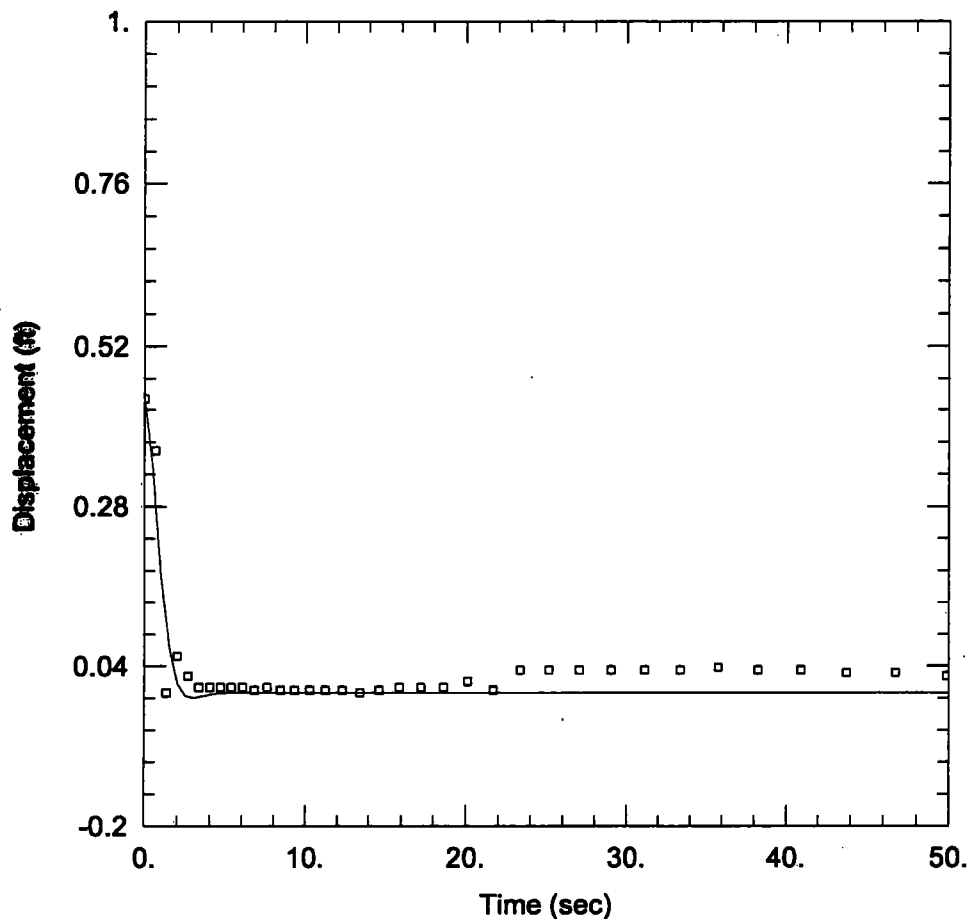
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

$K = 1577.4$ ft/day

$L_e = 1.841$ ft



WELL TEST ANALYSIS

Data Set: J:\...\MW-21S SI 4.aqt
Date: 07/17/06

Time: 15:03:29

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: MW-21S SI 4
Test Date: 4/12/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SI 4)

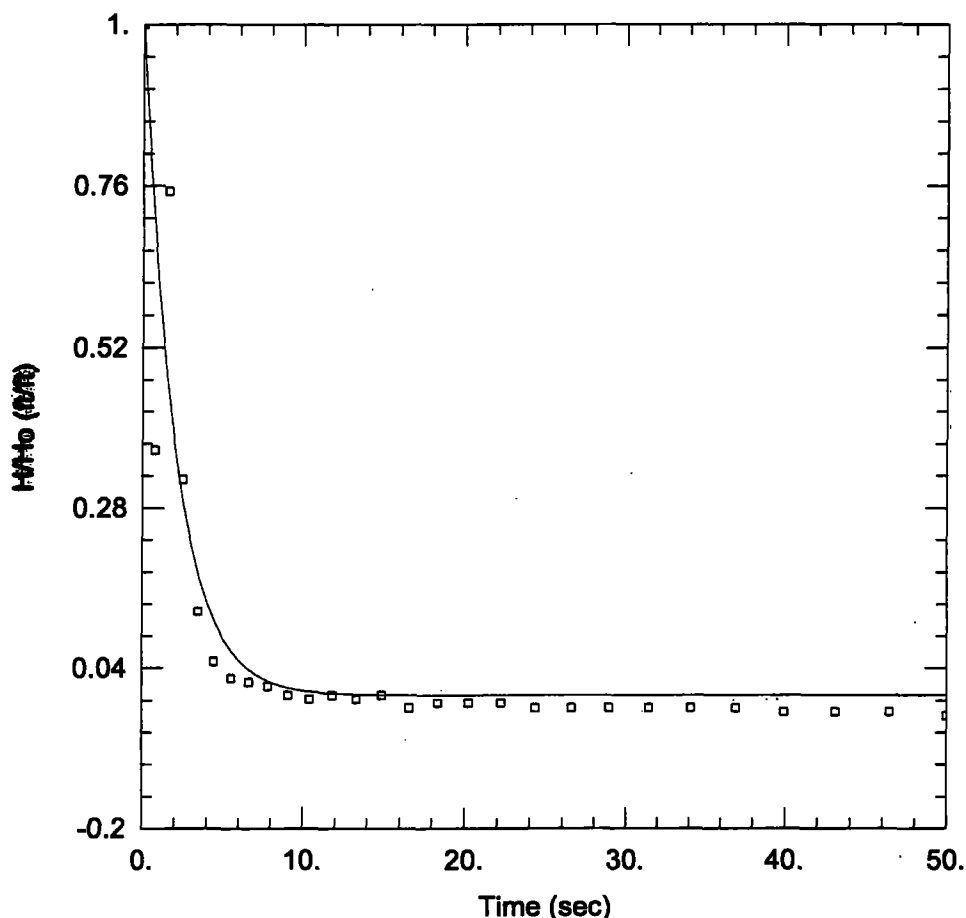
Initial Displacement: 0.441 ft
Total Well Penetration Depth: 5.79 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 5.79 ft
Screen Length: 5.79 ft
Well Radius: 0.177 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 147. ft/day

Solution Method: Springer-Gelhar
Le = 10.25 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21S SO 1.aqt
 Date: 07/17/06

Time: 15:03:58

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21S SO 1
 Test Date: 4/5/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21S SO 1)

Initial Displacement: 0.688 ft
 Total Well Penetration Depth: 6.27 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 6.27 ft
 Screen Length: 6.27 ft
 Well Radius: 0.177 ft
 Gravel Pack Porosity: 0.3

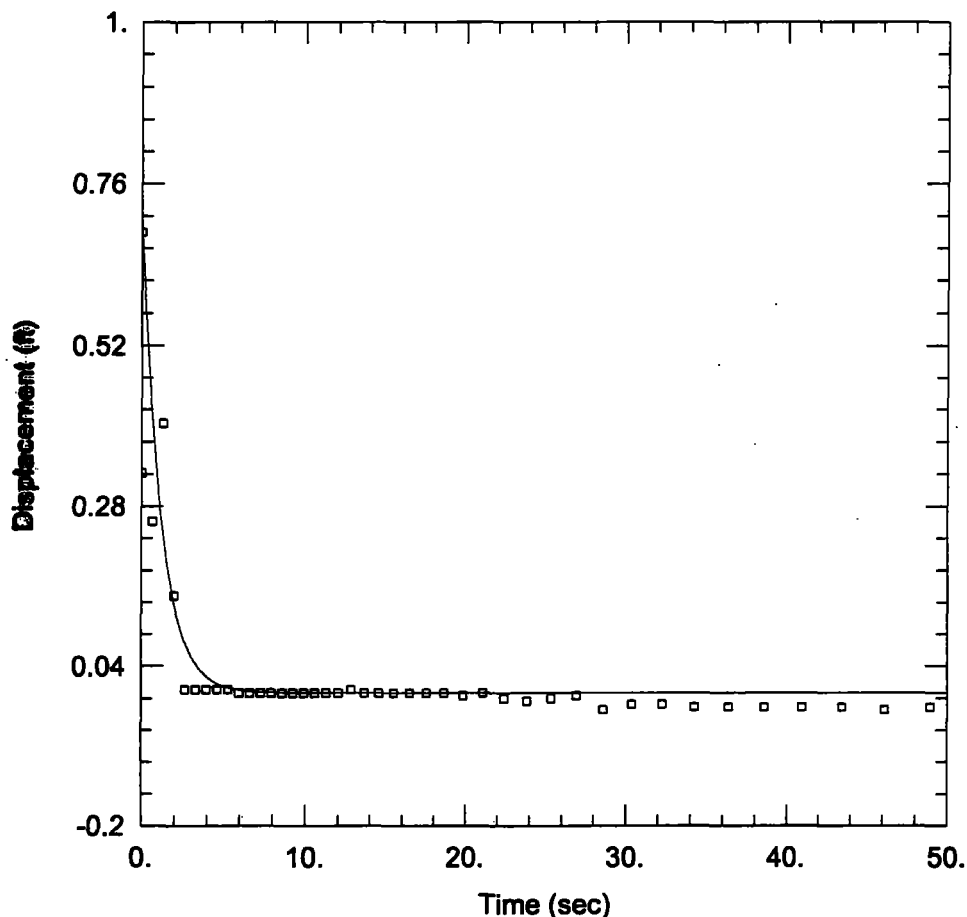
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

K = 64.23 ft/day

Le = 0.1 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21S SO 2.aqt
 Date: 07/17/06

Time: 17:27:19

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21S SO 2
 Test Date: 4/7/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SO 2)

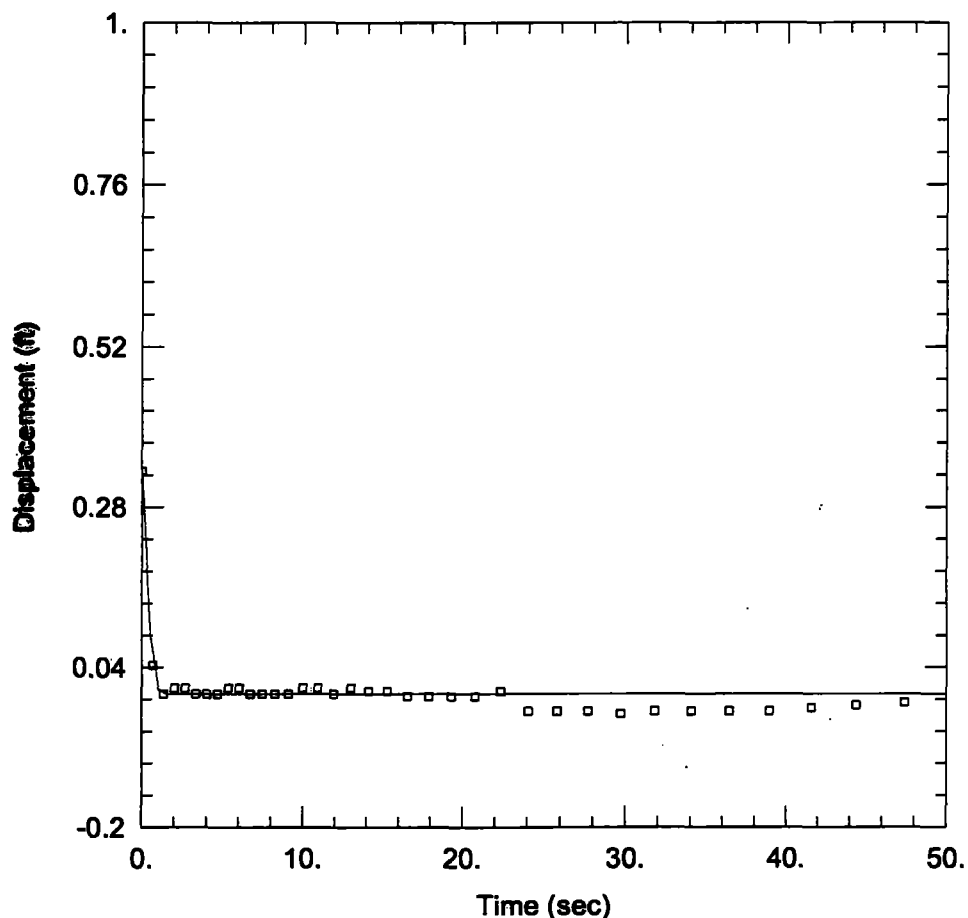
Initial Displacement: 0.688 ft
 Total Well Penetration Depth: 6.11 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 6.11 ft
 Screen Length: 6.11 ft
 Well Radius: 0.177 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 $K = 111.9$ ft/day

Solution Method: Springer-Gelhar
 $Le = 0.1$ ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21S SO 3.aqt
Date: 07/17/06

Time: 17:28:23

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: MW-21S SO 3
Test Date: 4/12/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SO 3)

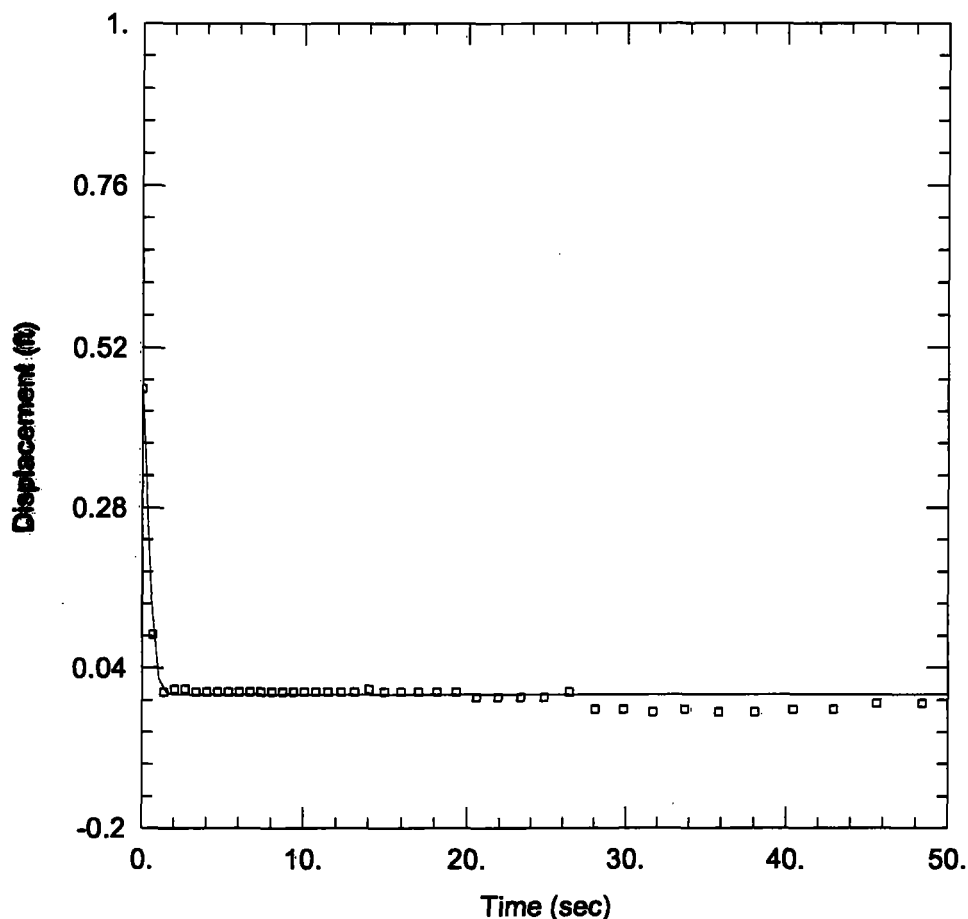
Initial Displacement: 0.334 ft
Total Well Penetration Depth: 5.79 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 5.79 ft
Screen Length: 5.79 ft
Well Radius: 0.177 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 344.9 ft/day

Solution Method: Springer-Gelhar
Le = 1.317 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21S SO 4.aqt
 Date: 07/17/06

Time: 17:29:08

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21S SO 4
 Test Date: 4/12/2006

AQUIFER DATA

Saturated Thickness: 6. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21S SO 4)

Initial Displacement: 0.458 ft
 Total Well Penetration Depth: 5.79 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 5.79 ft
 Screen Length: 5.79 ft
 Well Radius: 0.177 ft
 Gravel Pack Porosity: 0.3

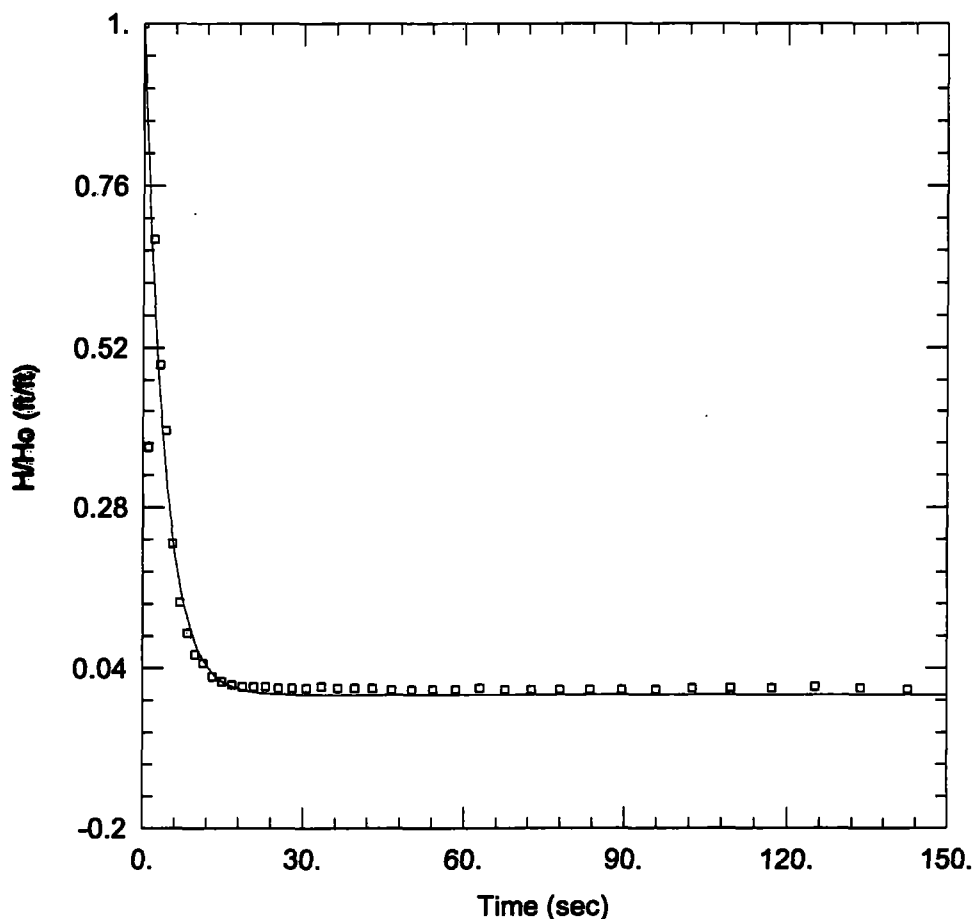
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

$K = 294.9$ ft/day

$Le = 1.733$ ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21M SI 1.aqt
 Date: 07/17/06

Time: 15:04:40

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21M SI 1
 Test Date: 4/4/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21M SI 1)

Initial Displacement: 1.707 ft
 Total Well Penetration Depth: 26.82 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 26.82 ft
 Screen Length: 10. ft
 Well Radius: 0.427 ft
 Gravel Pack Porosity: 0.3

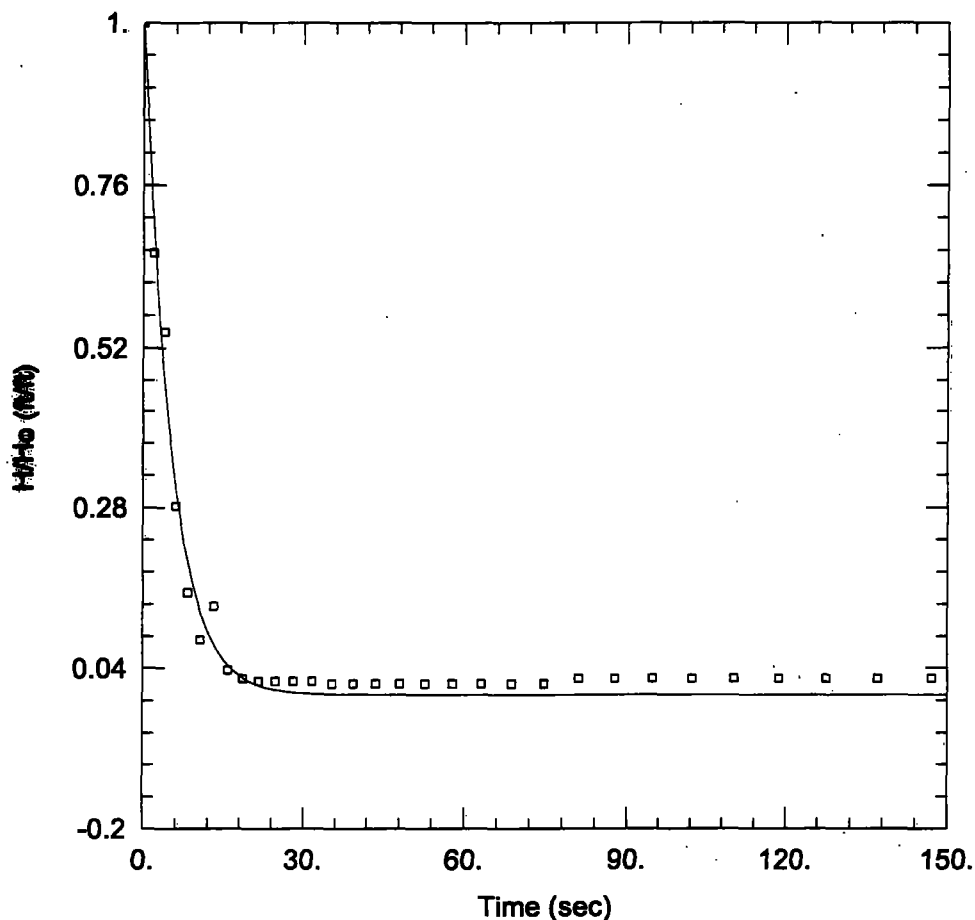
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

$K = 20.49$ ft/day

$Le = 0.1$ ft



WELL TEST ANALYSIS

Data Set: J:\...\MW-21M SI 3.aqt
 Date: 07/17/06

Time: 15:05:04

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21M SI 3
 Test Date: 4/5/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21M SI 3)

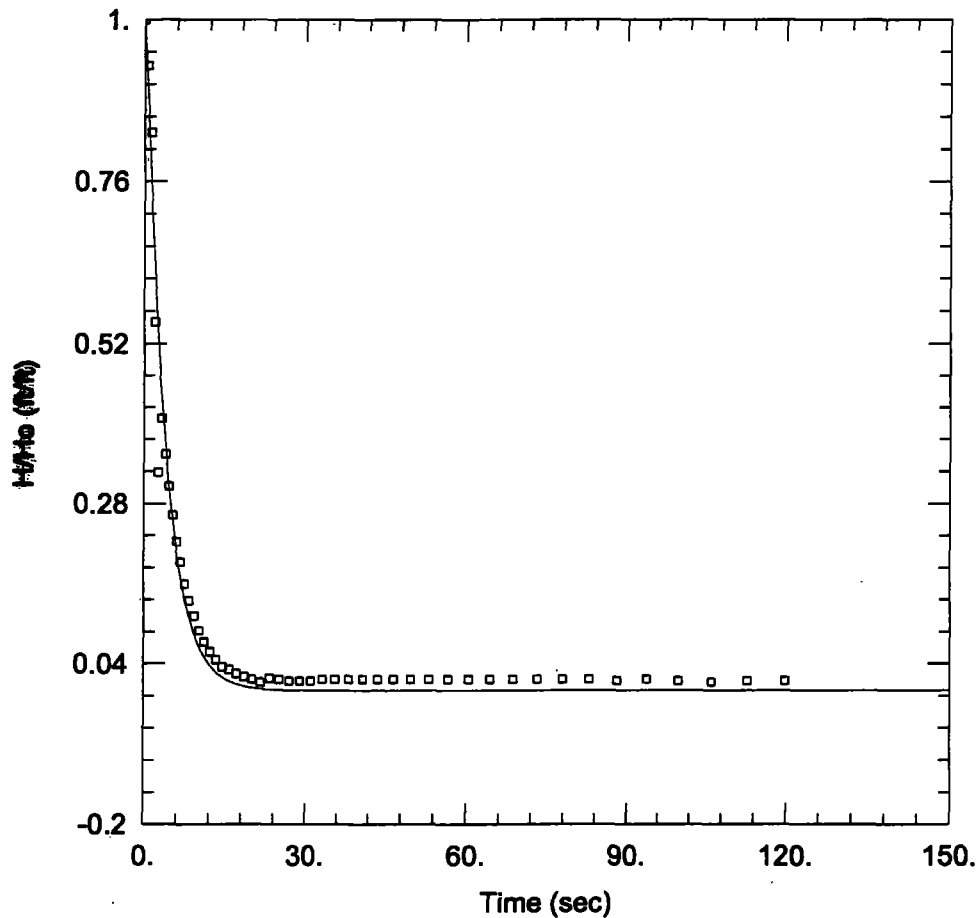
Initial Displacement: 1.032 ft
 Total Well Penetration Depth: 26.65 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 26.65 ft
 Screen Length: 10. ft
 Well Radius: 0.427 ft
 Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
 K = 15.48 ft/day

Solution Method: Springer-Gelhar
 Le = 1.425 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21M SI 4.aqt
Date: 07/17/06

Time: 15:05:23

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: MW-21M SI 4
Test Date: 4/13/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21M SI 4)

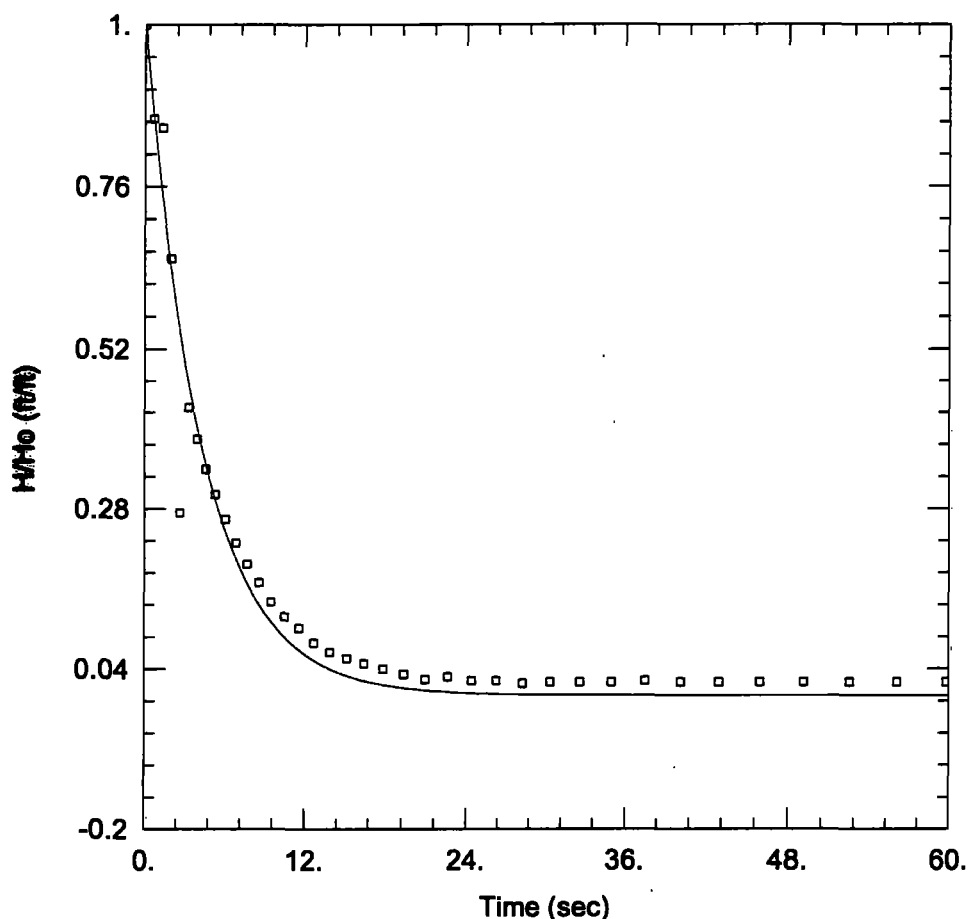
Initial Displacement: 2.08 ft
Total Well Penetration Depth: 26.24 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 26.24 ft
Screen Length: 10. ft
Well Radius: 0.427 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 20.23 ft/day

Solution Method: Springer-Gelhar
Le = 22.8 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21M SI 5.aqt
Date: 07/17/06

Time: 15:06:26

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: MW-21M SI 5
Test Date: 4/13/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21M SI 5)

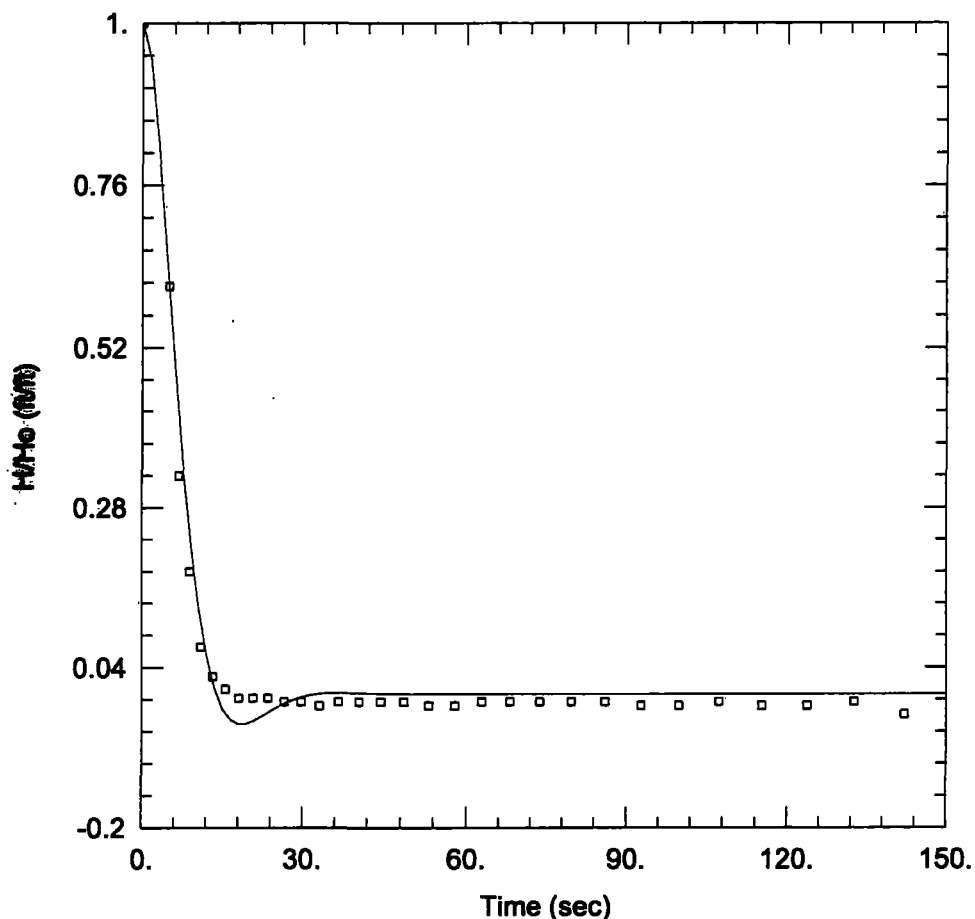
Initial Displacement: 2.184 ft
Total Well Penetration Depth: 26.24 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 26.24 ft
Screen Length: 10. ft
Well Radius: 0.427 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
K = 17.93 ft/day

Solution Method: Springer-Gelhar
Le = 0.1 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21M SO 2.aqt
Date: 07/17/06

Time: 15:06:52

PROJECT INFORMATION

Company: ENSR
Client: AK Steel
Project: 00076-069
Location: New Miami, OH
Test Well: MW-21M SO 2
Test Date: 4/5/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21M SO 2)

Initial Displacement: 0.681 ft
Total Well Penetration Depth: 26.65 ft
Casing Radius: 0.0833 ft

Static Water Column Height: 26.65 ft
Screen Length: 10. ft
Well Radius: 0.427 ft
Gravel Pack Porosity: 0.3

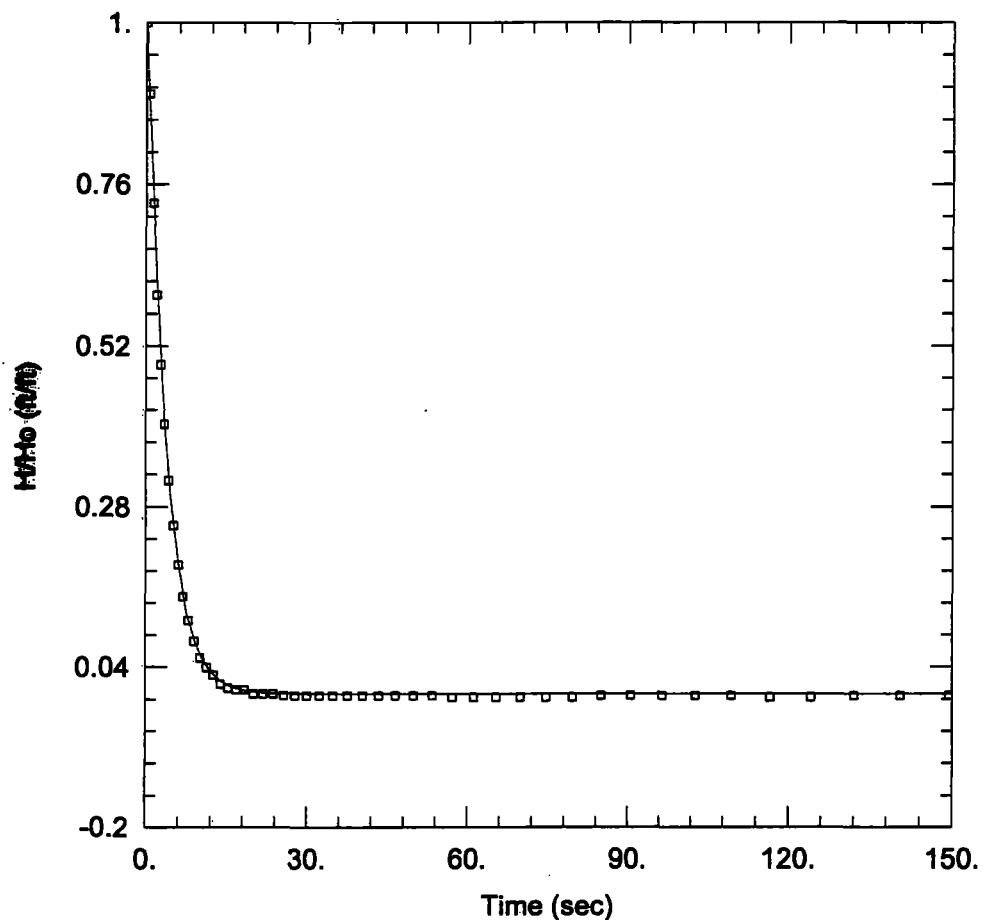
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

K = 13.24 ft/day

Le = 568.6 ft



WELL TEST ANALYSIS

Data Set: J:\...\MW-21M SO 3.aqt
 Date: 07/17/06

Time: 15:07:10

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21M SO 3
 Test Date: 4/5/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21M SO 3)

Initial Displacement: 1.533 ft
 Total Well Penetration Depth: 26.65 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 26.65 ft
 Screen Length: 10. ft
 Well Radius: 0.427 ft
 Gravel Pack Porosity: 0.3

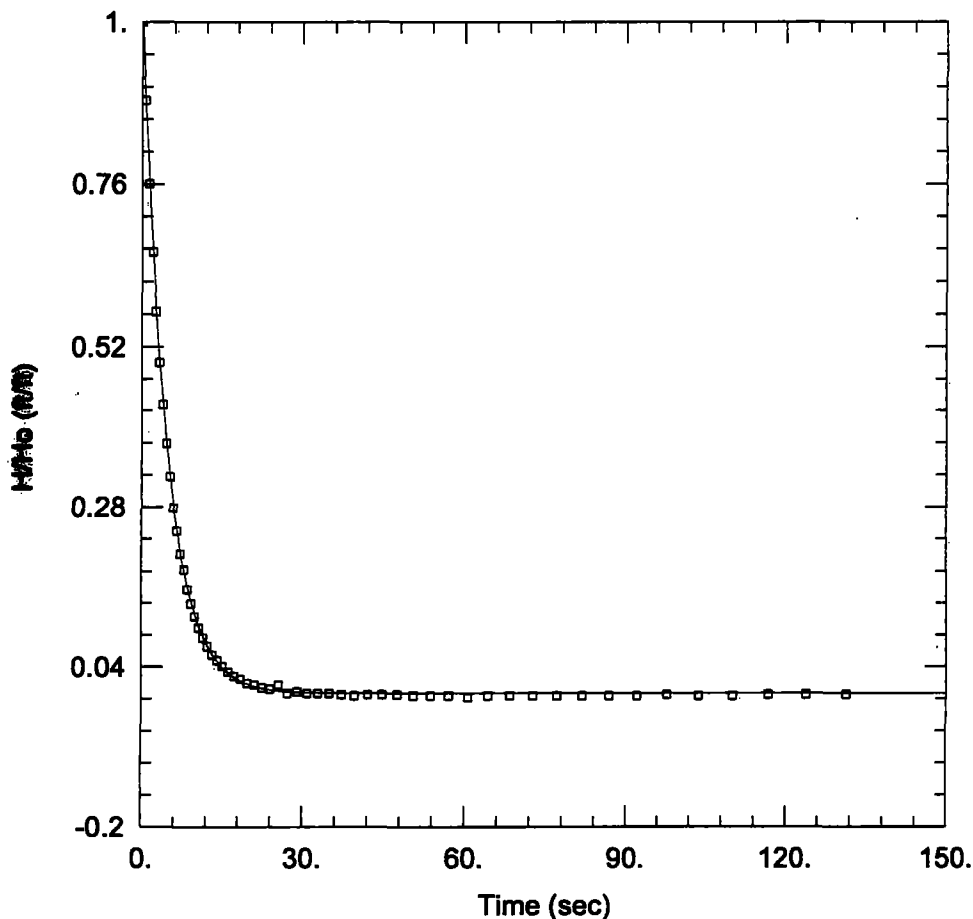
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

$K = 21.19$ ft/day

$Le = 28.11$ ft



WELL TEST ANALYSIS

Data Set: J:\...\MW-21M SO 4.aqt
 Date: 07/17/06

Time: 15:07:32

PROJECT INFORMATION

Company: ENSR
 Client: AK Steel
 Project: 00076-069
 Location: New Miami, OH
 Test Well: MW-21M SO 4
 Test Date: 4/13/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21M SO 4)

Initial Displacement: 2.006 ft
 Total Well Penetration Depth: 26.24 ft
 Casing Radius: 0.0833 ft

Static Water Column Height: 26.24 ft
 Screen Length: 10. ft
 Well Radius: 0.427 ft
 Gravel Pack Porosity: 0.3

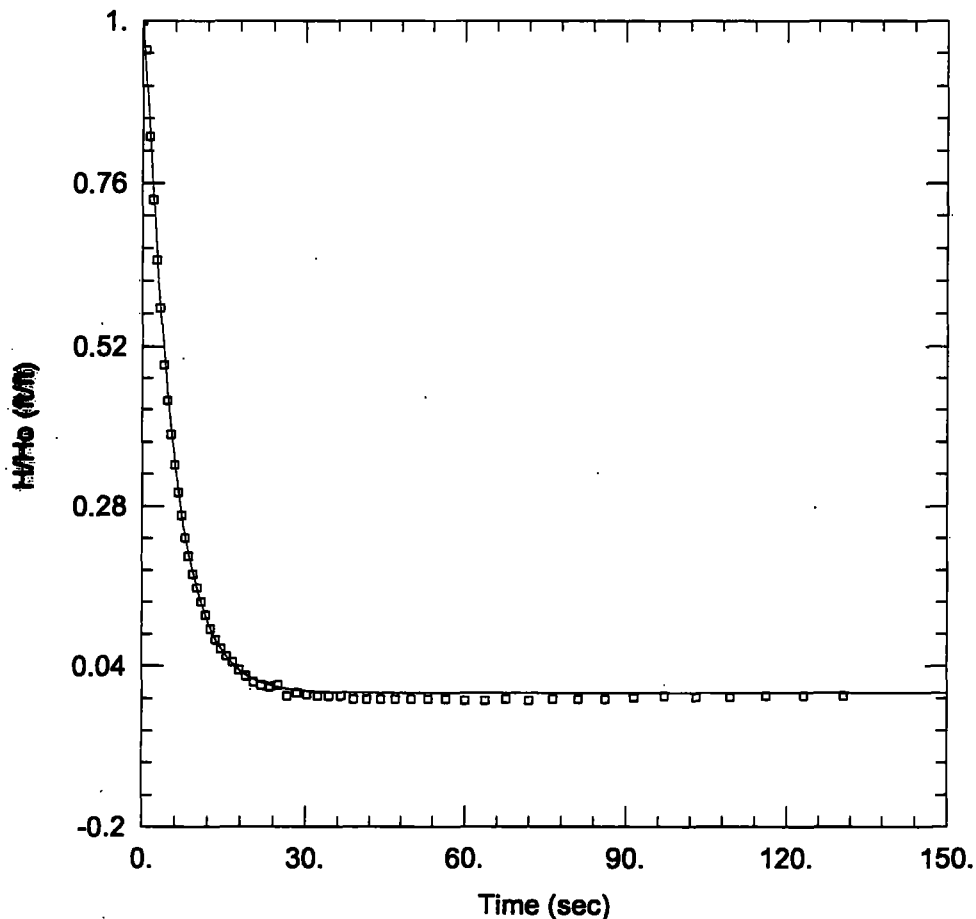
SOLUTION

Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

K = 16.47 ft/day

Le = 10.56 ft



WELL TEST ANALYSIS

Data Set: J:\...MW-21M SO 5.aqt

Date: 07/17/06

Time: 15:07:50

PROJECT INFORMATION

Company: ENSR

Client: AK Steel

Project: 00076-069

Location: New Miami, OH

Test Well: MW-21M SO 5

Test Date: 4/13/2006

AQUIFER DATA

Saturated Thickness: 28.5 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-21M SO 5)

Initial Displacement: 1.886 ft

Static Water Column Height: 26.24 ft

Total Well Penetration Depth: 26.24 ft

Screen Length: 10. ft

Casing Radius: 0.0833 ft

Well Radius: 0.427 ft

Gravel Pack Porosity: 0.3

SOLUTION

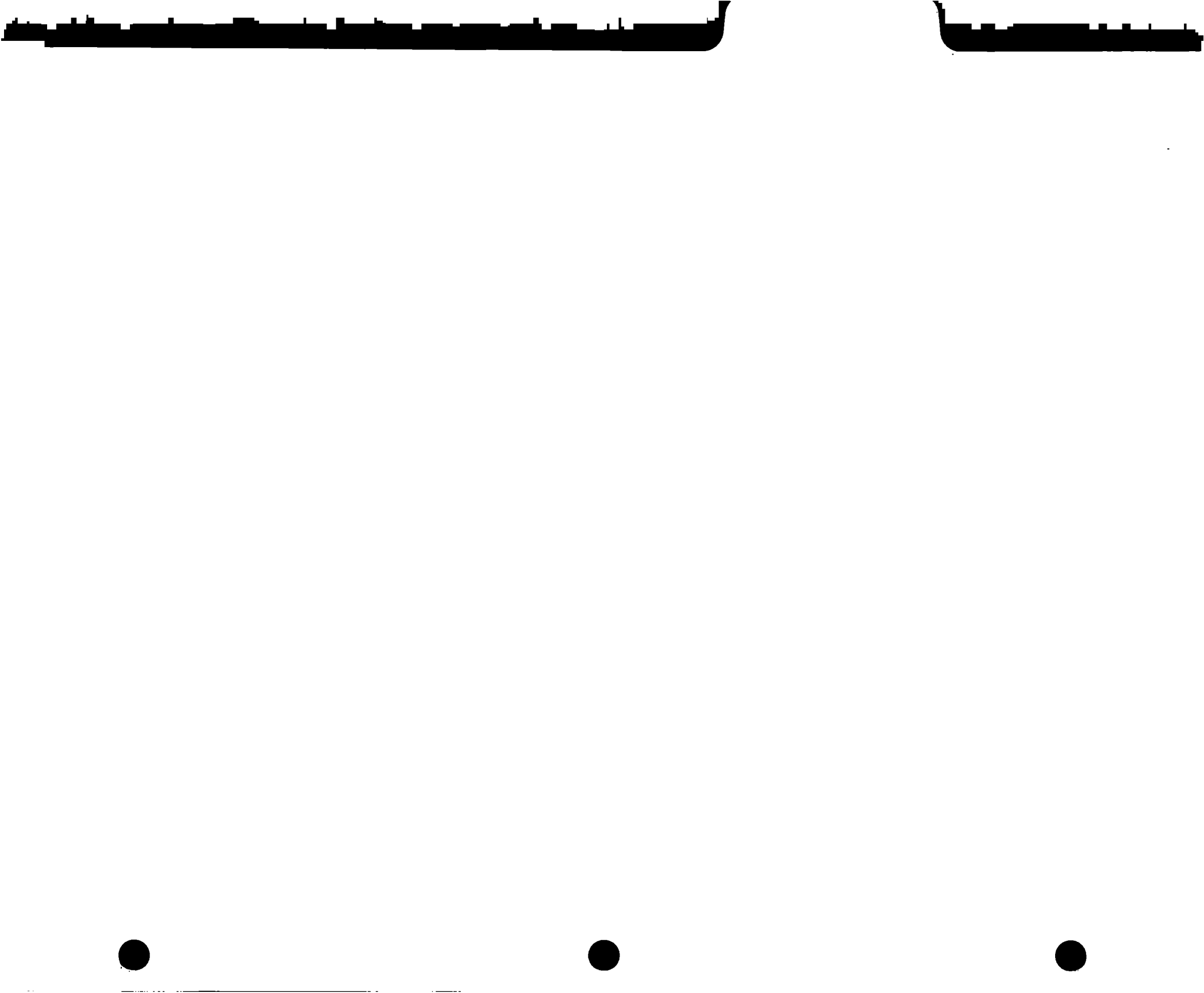
Aquifer Model: Unconfined

Solution Method: Springer-Gelhar

K = 13.95 ft/day

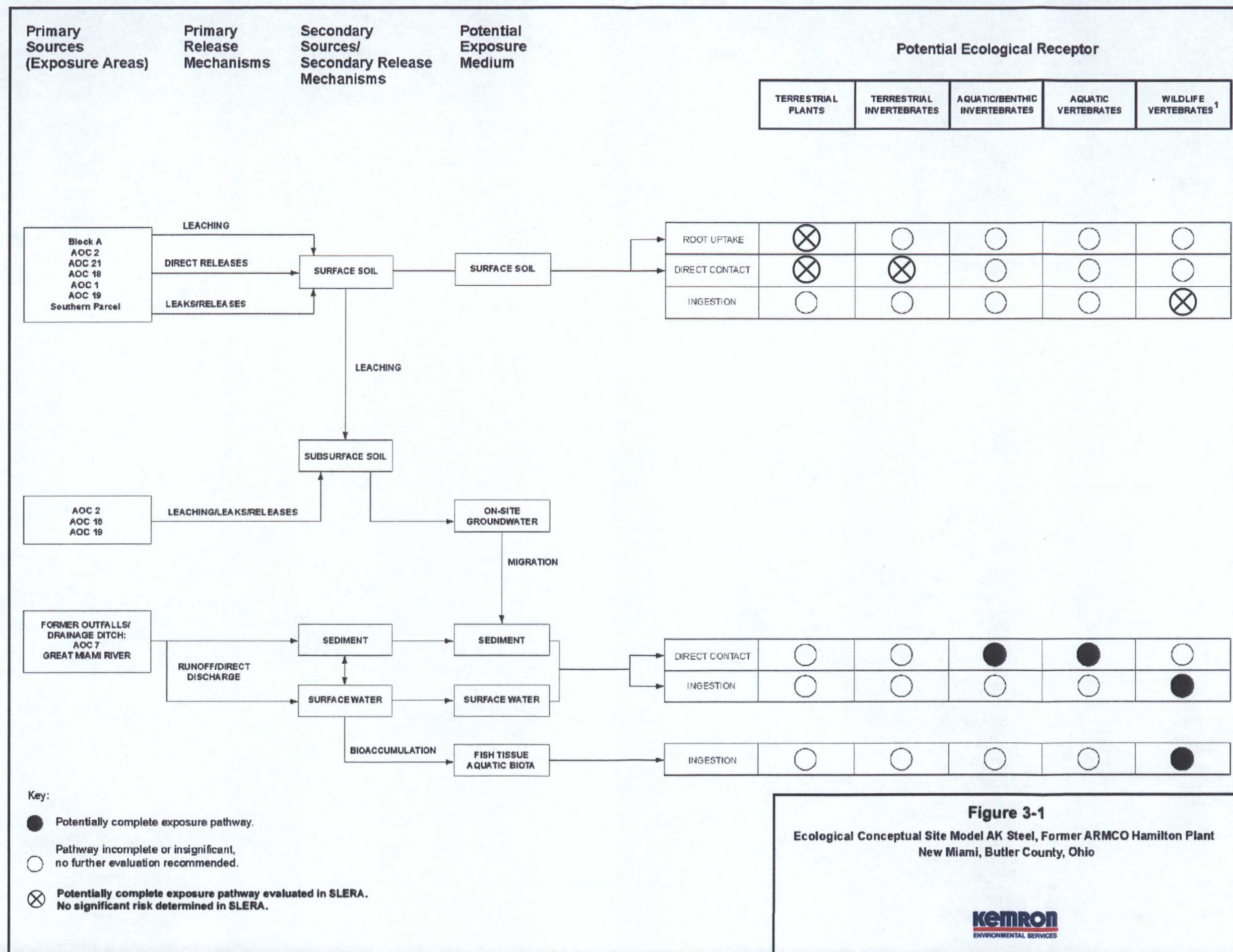
L_e = 66.22 ft





Appendix G

Conceptual Site Models



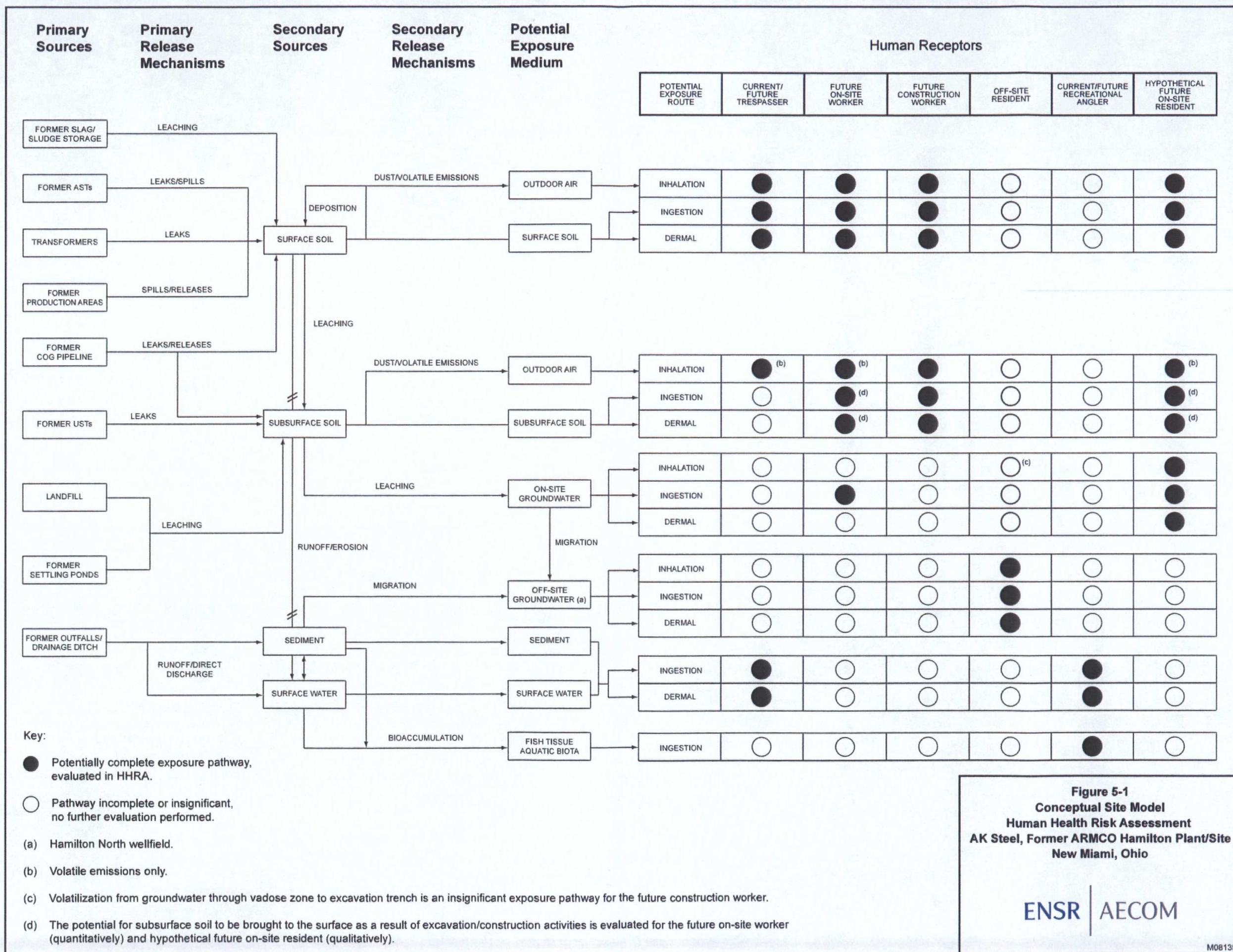


Figure 5-1
Conceptual Site Model
Human Health Risk Assessment
AK Steel, Former ARMCO Hamilton Plant/Site
New Miami, Ohio







**DRAFT FINAL
REMEDIAL INVESTIGATION REPORT
FOR THE
FORMER ARMCO HAMILTON PLANT SITE
401 Augspurger Road, New Miami, Ohio**

APPENDIX B, C, D

Volume 9 of 10



November 2008

Appendix B

Potable Well Survey Results

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

No. 415450

2174
Spice

Counter

Township

Section of Township

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate.....G.P.M. Duration of test.....hra.

Drawdown _____ ft. Data _____

Static level-depth to water.....ft.

Quality (clear, cloudy, taste, odor)._____

Pump installed by_____

Pump installed by_____

SKETCH SHOWING LOCATION

From

To

for Soil

0 Feet

1 Ft

2/AY

1

//

SAND GRAVEL

11

28

Shale

28

58

Water @ 39'

S.

Shipping Firm HOOVER
Address 253 S. ...

Date Feb 3 - 1972

Signed LD [Signature]

*If additional space is needed to complete well log, use next consecutive numbered form.

WELL LOG AND DRILLING REPORT

ORIGINAL

NO CARBON PAPER
NECESSARY—
SELF-TRANSCRIBING

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
65 S. Front St., Rm. 815 Phone (614) 469-2646
Columbus, Ohio 43215

435554

County Butler

Township St Clair

Section of Township 14

CONSTRUCTION DETAILS

Casing diameter 6" Length of casing 38
Type of screen _____ Length of screen _____
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____

BAILING OR PUMPING TEST (Specify one by circling)

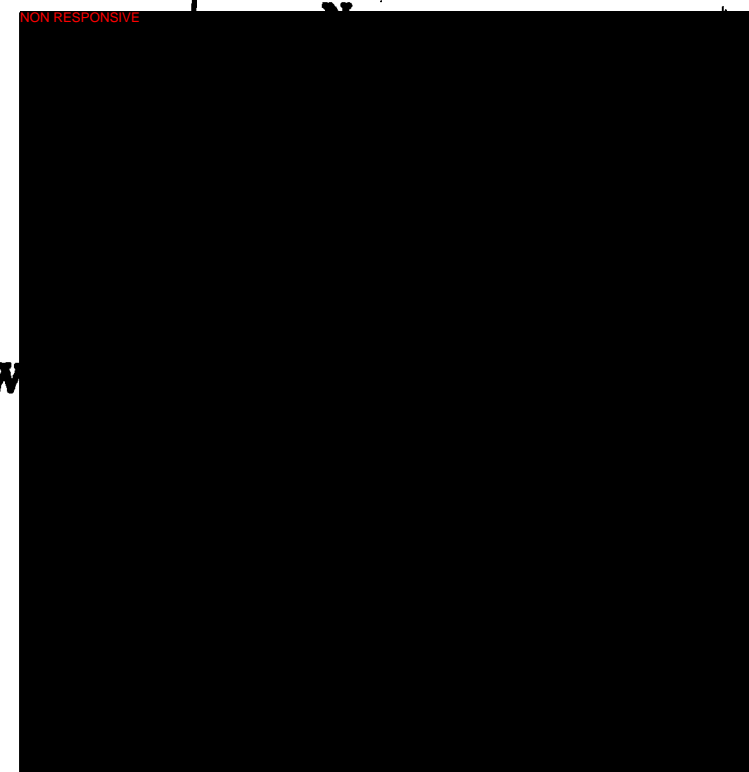
Test Rate _____ G.P.M. Duration of test _____ hrs
Drawdown _____ ft. Date _____
Static level-depth to water _____ ft.
Quality (clear, cloudy, taste, odor) _____
Pump installed by Bail test 12 G.P.M.

WELL LOG*

SKETCH SHOWING LOCATION

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Top Soil</u>	<u>0 Feet</u>	<u>1 Ft.</u>
<u>CLAY</u>	<u>1</u>	<u>5'</u>
<u>CLAY GRAVEL</u>	<u>5</u>	<u>8</u>
<u>SAND GRAVEL</u>	<u>8</u>	<u>32</u>
<u>CLAY</u>	<u>32</u>	<u>38</u>
<u>Shale</u>	<u>38</u>	<u>50</u>
<u>Water @ 38'</u>		

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.



Drilling Firm HOOVER WELL DRILL
258 SCIPIO RD HAM-ON
Address _____

Date 3-9-72
Signed [Signature]

*If additional space is needed to complete well log, use next consecutive numbered form.

ORIGINAL

No. 408610

S.

*If additional space is needed to complete well log, use next consecutive numbered form.



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

NO Known
2850 ft

Well Log Number: 431258

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number: 27

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1984

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY V L

Total Depth: 50 ft.

Casing Length: 50 ft.

Date of Completion: 12/17/1971

WELL TEST DETAILS

Static Water Level: 22 ft.

Drawdown: 10 ft.

Test Rate: 18 gpm

Test Duration: 2 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

ations
SOIL
SAND & GRAVEL
WATER AT

From To

0 - 2

2 - 50

45 - 45

[Printing Tips](#) (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 319532

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number: 28

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1984

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: VANDERPOOL HERBERT

Total Depth: 47 ft.

Casing Length: 47 ft.

Date of Completion: 12/28/1965

WELL TEST DETAILS

Static Water Level:

Drawdown:

Test Rate: 10 gpm

Test Duration:

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

SAND & CLAY

SAND & GRAVEL

From To

0 - 40

40 - 47

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 662861

ORIGINAL OWNER AND LOCATION

Original Owner Name: BUTLER/WARREN DIST.

County: BUTLER

Township: ST. CLAIR

Section Number:

Address: 1382 JACKSON ROAD

Lot Number:

City:

State: OH

Zip Code:

Location Number: 59

Location Map Year: 1988

Location Area:

Latitude:

Longitude:

CONSTRUCTION DETAILS

Borehole Diameter:

Depth to Bedrock:

Total Depth: 30 ft.

Casing Diameter: 6 in.

Casing Thickness:

Casing Length: 13 ft.

Well Use:

Screen Length:

Date of Completion: 3/25/1987

Aquifer Type: ROCK

Driller's Name: TREADWAY DRILLING

WELL TEST DETAILS

Static Water Level: 15 ft.

Test Rate: 1 gpm

Associated Reports

Drawdown: Total

Test Duration: 1 hrs.

NONE

COMMENTS:

WELL LOG

Formations

SOIL
SANDY CLAY
BLU CLAY
ROCK

From To

0 - 3
3 - 13
13 - 16
16 - 30

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Well log questions - Web site questions - Web policies

**NO CARBON PAPER
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State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

Test well

Parent Number

COUNTY BUTLER TOWNSHIP St. Clair SECTION OF TOWNSHIP _____
OWNER Butler - Warren Dist. ADDRESS 1382 Jackson Rd.
LOCATION OF PROPERTY same Overbrook

CONSTRUCTION DETAILS

Casing diameter 6 " Length of casing 12' 11"
Type of screen slots Length of screen 5'
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____
Rotary ☐ or Cable ☐

BAILING OR PUMPING TEST

Identify one by circling:

Test rate 5 gpm Duration of test 1 hrs
Drawdown complete ft Date _____
Static level (depth to water) 15 ft
Quality (clear, cloudy, taste, odor) cloudy
Pump installed by _____

WELL LOG

[illegible]

SKETCH SHOWING LOCATION

**Locate in reference to numbered
state highways, street intersections, county roads, etc.**

N

Morganthalers Rol

Jan. 5, 1951

E

Ham. How - Trenton

Y well

re

* If additional space is needed to complete well log, use next consecutively numbered form.

DRILLING FIRM TREADWAY MOUNTAIN REGISTRATION NUMBER 442 DATE 3/25/81
ADDRESS S. 1st St. N. W. SIGNED H. C. Treadway

Completion of this form is required by 1521.05, Ohio Revised Code - file within 30 days after completion.

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DNR 7002

2005

1. Copy (59)

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

Parent Number

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST
(specify one by circling)

Test rate 7 gpm Duration of test 1 hrs
Drawdown 60 ft Date 3/17/87
Static level (depth to water) 27 ft
Quality (clear, cloudy, taste, odor) Cloudy
Pump installed by _____

WELL LOG*

SKETCH SHOWING LOCATION

From**To**

**Locate in reference to numbered
state highways, street intersections, county roads, etc.**

Top Soil	0.1	3
Yellow Sub Soil	3	13
Dark Blue Clay	13	35
Sand & Gravel & Clay	35	38
Shale Rock	38	40
Rock	40	60

N

Moegantlaee

JACKSON DA

5

Hamilton	- Trenton
----------	-----------

x well

S

* If additional space is needed to complete well log, use next consecutively numbered form.

DNR 7802

LLING FIRM TREADWAY MFG. CO. **REGISTRATION NUMBER**

442

DATE 3/25/87

ADDRESS

SIGNED

W.C. Inadway 2005
after completion.

Completion of this form is required by 1521.05, Ohio Revised Code - file within 30 days after completion.

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 772755

ORIGINAL OWNER AND LOCATION

Original Owner Name: MILLIS TRANSPORTATIO

County: BUTLER

Address: 1928 JACKSON LANE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Well Use:

Aquifer Type: SHALE

Depth to Bedrock:

Screen Length:

Driller's Name: WILSON WELL DRLG, VERL

Total Depth: 123 ft.

Date of Completion: 2/10/1994

WELL TEST DETAILS

Static Water Level: 45 ft.

Drawdown:

Test Rate: 5 gpm

Test Duration: 4 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

BRN CLAY

RY CLAY

COARSE SAND

SHALE

WATER AT

From To

0 - 15

15 - 73

73 - 75

75 - 123

75 - 75

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Log Number: 746986

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6.25 in.

Well Use: DOMESTIC

Aquifer Type: SAND AND CLAY

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 95 ft.

Casing Length: 99 ft.

Date of Completion: 5/30/1992

WELL TEST DETAILS

Static Water Level: 50 ft.

Drawdown: 10 ft.

Test Rate: 7 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

SOIL

SOIL

BLU CLAY

BLU SILTY CLAY

BLU SANDY CLAY

SAND & CLAY

From To

0 - 2

2 - 4

4 - 30

30 - 60

60 - 90

90 - 95

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 922342

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE** N

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45011

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6.25 in.

Casing Diameter: 6.25 in.

Well Use: COMMERCIAL

Aquifer Type: SAND

Depth to Bedrock:

Casing Thickness: 0.188 in.

Screen Length: 3 ft.

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 72 ft.

Casing Length: 60 ft.

Date of Completion: 9/24/2002

WELL TEST DETAILS

Static Water Level: 42 ft.

Drawdown: 5 ft.

Test Rate: 15 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

SCREEN HAS 12 FT. OF PVC PIPE BELOW

WELL LOG

Formations

TOP SOIL
YEL SANDY CLAY
BLU SANDY CLAY
SAND
BLU SANDY CLAY

From To

0 - 2
2 - 6
6 - 45
45 - 60
60 - 72

Printing Tips (opens in new window)

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 525077

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number: 38

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1984

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 60 ft.

Casing Length: 60 ft.

Date of Completion: 8/3/1971

WELL TEST DETAILS

Static Water Level: 38 ft.

Drawdown: 0 ft.

Test Rate: 10 gpm

Test Duration: 2 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

OIL
CLAY
GRY CLAY
GRAVEL
SAND & GRAVEL

From To

0 - 2
2 - 12
12 - 48
48 - 48
48 - 60

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 886290

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45011

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 8 in.

Casing Diameter: 6 in.

Well Use:

Aquifer Type: LIMESTONE

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: WILSON WELL DRLG, VERL

Total Depth: 111 ft.

Casing Length: 111 ft.

Date of Completion: 8/10/1999

WELL TEST DETAILS

Static Water Level: 45 ft.

Drawdown: 20 ft.

Test Rate: 20 gpm

Test Duration: 5 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

BRN CLAY

SAND & GRAVEL

GRY GRAVEL

SAND

GRY CLAY

FINE SAND

GRAVEL

LIMESTONE

From To

0 - 2

2 - 16

16 - 45

45 - 60

60 - 80

80 - 100

100 - 111

111 - 111

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Well log questions - Web site questions - Web policies

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

502605

18

COUNTY Butler TOWNSHIP St Clair SECTION OF TOWNSHIP _____

15

BAILING OR PUMPING TEST

(specify one by circling)

Casing diameter 5 7/8" ID Length of casing 37'

Test rate 250 gph Duration of test 1/4 hrs

type of screen _____ Length of screen _____

Drawdown all the way to

Date 6-15-76

Type of pump

Static level (depth to water)

35 ft

Capacity of pump

Quality (clear, cloudy, taste, odor) Cloudy

Depth of pump setting

Date of completion 6-15-74

Pump installed by _____

SKETCH SHOWING LOCATION

Formations: sandstone, shale, limestone, gravel, clay

From

To

draw well	0 ft	25 ft
-----------	------	-------

Shale	25	41
-------	----	----

word rock	41	55
-----------	----	----

**Locate in reference to numbered
state highways, street intersections, county roads, etc.**

NON RESPONSIVE

S

DRILLING FIRM TREADWAY WELL DRILLING DATE 6-30-26

ADDRESS 3775 Taylor School Rd.
Lexington, Ohio

SIGNED W. J. [Signature]

Book

57

*If additional space is needed to complete well log, use next consecutive numbered form.

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State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

619495

COUNTY Butler. TOWNSHIP St. Clair SECTION OF TOWNSHIP 15

BAILING OR PUMPING TEST
(specify one by circling)

Test rate 15 gpm Duration of test 1 hrs
Drawdown 60 ft Date 5-16-84
Static level (depth to water) 20' ft
Quality (clear, cloudy, taste, odor) clear
Pump installed by

SKETCH SHOWING LOCATION

Top soil	0 ft	1 ft
gray sub soil	1	4
gray clay	4	14
sand & water	14	15
gray shale	15	20
Rock	20	60

Locate in reference to numbered
state highways, street intersections, county roads, etc.

DRILLING FIRM.**ADDRESS.**

SIGNED

*If additional space is needed to complete well log, use next consecutive numbered form.

ORIGINAL COPY - ODNr, DIVISION OF WATER, FOUNTAIN SQ., COLS., OHIO 43224

2005

58



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 865272

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45011

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6.25 in.

Casing Diameter: 6.25 in.

Well Use: INDUSTRIAL

Aquifer Type: ROCK

Depth to Bedrock:

Casing Thickness: 0.188 in.

Screen Length:

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 40 ft.

Casing Length: 31 ft.

Date of Completion: 5/5/1999

WELL TEST DETAILS

Static Water Level: 12 ft.

Drawdown: 15 ft.

Test Rate: 30 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TO OIL

SANDY CLAY

BRN SANDY CLAY

SAND

ROCK

WATER AT

From To

0 - 3

3 - 12

12 - 18

18 - 21

21 - 40

21 - 21

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 778172

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**
County: BUTLER
Address: **NON RESPONSIVE**
City:
Location Number:
Latitude:

Township: ST. CLAIR

State: OH
Location Map Year:
Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 6.25 in.
Well Use: PUBLIC/SEMI-PUB
Aquifer Type: ROCK

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 45 ft.
Casing Length: 33 ft.
Date of Completion: 6/7/1994

WELL TEST DETAILS

Static Water Level: 15 ft.
Drawdown: 30 ft.

Test Rate: 8 gpm
Test Duration: 0.5 hrs.

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL
YEL GRAVELLY CLAY
BLU GRAVELLY CLAY
ROCK

From To

0 - 1
1 - 6
6 - 12
12 - 45

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WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

530953

COUNTY Butler TOWNSHIP St Clair SECTION OF TOWNSHIP 15

OWNER.

LOCATION

CONSTRUCTION DETAILS

Casing diameter 6" Length of casing 25'
Type of screen _____ Length of screen _____
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____

BAILING OR PUMPING TEST

respectively one by circling

Test rate 10 gpm Duration of test 1 hr
Drawdown 75 ft Date 6-16-78
Static level (depth to water) 24 ft
Quality (clear, cloudy, taste, odor) cloudy
Pump installed by _____

WELL LOG

Formations: sandstone, shale,
_ limestone, gravel, clay

Franz**To**

topsoil	on	5
gravelly clay	5	14
rock & clay layer	14	75

slotted 1 for 5

SKETCH SHOWING LOCATION

Locate in reference to numbered
state highways, street intersections, county roads, etc.

14

NON RESPONSIVE

TRFARWAY: WELL DRILLING

DRILLING FIRM

ADDRESS 3775 Taylor School Rd
Hamilton, Ohio

DATE _____

SIGNED

* If additional space is needed to complete well log, use next consecutive numbered form.

40

2007



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 530953

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City:

Location Number: 40

Latitude:

Township: **ST. CLAIR**

State: **OH**

Location Map Year: 1984

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: **CLAY & ROCK**

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: **TREADWAY DRILLING**

Total Depth: 75 ft.

Casing Length: 25 ft.

Date of Completion: 6/18/1978

WELL TEST DETAILS

Static Water Level: 24 ft.

Drawdown: 75 ft.

Test Rate: 10 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

GRAVELLY CLAY

CLAY & ROCK

From To

0 - 5

5 - 14

14 - 75

Printing Tips (opens in new window)

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 212706

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City:

Location Number: 24

Latitude:

Township: **ST. CLAIR**

State: **OH**

Location Map Year: 1969

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: **SILTSTONE**

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: **TAGGART PUMP REPAIR & WELL DRLG**

Total Depth: 90 ft.

Casing Length: 21 ft.

Date of Completion: 3/10/1961

WELL TEST DETAILS

Static Water Level: 21 ft.

Drawdown: 2 ft.

Test Rate: 10 gpm

Test Duration: 3 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

SOIL
& CLAY
CLAY
SILTSTONE

From To

0 - 6
6 - 35
35 - 90
90 - 90

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 930959

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45011

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6 in.

Casing Diameter: 6 in.

Well Use: DOMESTIC

Aquifer Type: SHALE

Depth to Bedrock:

Casing Thickness: 0.188 in.

Screen Length:

Driller's Name: WILSON WELL DRLG, VERL

Total Depth: 100 ft.

Casing Length: 25 ft.

Date of Completion: 7/7/2001

WELL TEST DETAILS

Static Water Level: 17 ft.

Drawdown: 20 ft.

Test Rate: 20 gpm

Test Duration: 4 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

BRN CLAY

GRY CLAY

SHALE

WATER AT

From To

0 - 15

15 - 20

20 - 100

35 - 35

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 746970

ORIGINAL OWNER AND LOCATION

Original Owner Name: CONNER DISTRIBUTING

County: BUTLER

Address: 2144 JACKSON ROAD

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6.25 in.

Well Use:

Aquifer Type: ROCK

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 50 ft.

Casing Length: 32 ft.

Date of Completion: 8/11/1992

WELL TEST DETAILS

Static Water Level: 15 ft.

Drawdown: 15 ft.

Test Rate: 15 gpm

Test Duration: 0.5 hrs.

Associated Reports

NONE

COMMENTS:

CONTAMINATED FROM LEAKING UNDERGROUND TANKS

WELL LOG

stations

TOP SOIL

YEL CLAY

ROCK

From To

0 - 2

2 - 10

10 - 50

Printing Tips (opens in new window)

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 984519

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City: **HAMILTON**

Location Number:

Latitude: 39.27052

Township: **ST. CLAIR**

State: **OH**

Location Map Year:

Longitude: -84.29771

Section Number:

Lot Number:

Zip Code: **45011**

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: **6.25 in.**

Casing Diameter: **6.25 in.**

Well Use: **DOMESTIC**

Aquifer Type: **LIMESTONE**

Depth to Bedrock:

Casing Thickness: **0.188 in.**

Screen Length: **5 ft.**

Driller's Name: **YEAGER WELL DRILLING & PUMPS**

Total Depth: **100 ft.**

Casing Length: **50 ft.**

Date of Completion: **7/9/2004**

WELL TEST DETAILS

Static Water Level: **39 ft.**

Drawdown: **100 ft.**

Test Rate: **5 gpm**

Test Duration: **1 hrs.**

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

SANDY SOIL

SANDY CLAY

SOFT SHALE

HARD ROCK

From To

0 - 3

3 - 17

17 - 31

31 - 32

32 - 100

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

Well log questions - Web site questions - Web policies

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

DO NOT USE INK.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

No 360306

County Butler Township St. Clair Section of Township _____
Owner Armco Steel Corp Address Hamilton, Ohio
Location of property 100 ft east of old No 4 well River Bank

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

Casing diameter 38x26 Length of casing 105' Pumping Rate 1500 G.P.M. Duration of test 10 hrs.
Type of screen slotted Length of screen 81' Drawdown 9'2" ft. Date 6-3-66
Type of pump NONE Static level-depth to water 34 ft.
Capacity of pump _____ Quality (clear, cloudy, taste, odor) _____
Depth of pump setting _____ Pump installed by _____
Date of completion 6-7-66

WELL LOG*

SKETCH SHOWING LOCATION

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Free</u>	<u>0 Feet</u>	<u>25 Ft.</u>
<u>sand & gravel</u>	<u>25</u>	<u>32</u>
<u>Sand, clay & gravel</u>	<u>32</u>	<u>70</u>
<u>Sand & gravel</u>	<u>70</u>	<u>136</u>
<u>Clay, sand & gravel</u>	<u>136</u>	<u>143</u>
<u>Fine sand, a little gravel</u>	<u>143</u>	<u>150</u>
<u>Sand & gravel</u>	<u>150</u>	<u>188</u>
<u>Clay</u>	<u>188</u>	<u>205</u>

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

N.

Replacement for old Well No. 4

U.S. Rt. 127

W.

E.

S.

See reverse side for instructions

Drilling Firm Layne Ohio Co
Address Columbus, OhioDate 1966
Signed _____

*If additional space is needed to complete well log, use next consecutive numbered form.

2005

4TB

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 896560

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45013

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6.25 in.

Casing Diameter: 6.25 in.

Well Use: DOMESTIC

Aquifer Type: GRAVEL/SAND/CLAY

Depth to Bedrock:

Casing Thickness: 0.188 in.

Screen Length: 3 ft.

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 69 ft.

Casing Length: 67 ft.

Date of Completion: 10/21/1999

WELL TEST DETAILS

Static Water Level: 47.6 ft.

Drawdown: 6 ft.

Test Rate: 20 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

YEL CLAY

SAND & GRAVEL

GRY SANDY CLAY

GRAVELLY CLAY

CLAY

GRAVEL/SAND/CLAY

From To

0 - 2

2 - 5

5 - 15

15 - 35

35 - 45

45 - 61

61 - 69

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Page 1 of 1

N

Well Log Number: 186778

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1969

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: VANDERPOOL HERBERT

Total Depth: 35 ft.

Casing Length: 35 ft.

Date of Completion: 7/5/1957

WELL TEST DETAILS

Static Water Level: 20 ft.

Drawdown:

Test Rate:

Test Duration:

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

ID & GRAVEL

From To

0 - 35

[Printing Tips](#) (opens in new window)

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

N

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 493902

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1988

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 40 ft.

Casing Length: 41 ft.

Date of Completion: 10/20/1975

WELL TEST DETAILS

Static Water Level: 17 ft.

Drawdown: 5 ft.

Test Rate: 1 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

SAND & GRAVEL

From To

0 - 3

3 - 40

Printing Tip (opens in new window)



OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 390372

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**
County: BUTLER
Address: **NON RESPONSIVE**
City:
Location Number: 23
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1984
Longitude:

Section Number: 15
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 4 in.
Well Use:
Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: HOOVER WELL DRILLING
Total Depth: 40 ft.
Casing Length: 40 ft.
Date of Completion: 3/10/1970

WELL TEST DETAILS

Static Water Level:
Drawdown:

Test Rate: 20 gpm
Test Duration:

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations

SOIL
SOIL
SAND & CLAY
SAND & GRAVEL
WATER AT

From	To
0	1
1	2
2	3
3	40
18	18

Printing Tips (opens in new window)

OR use your browser's back button to see the last list of addresses or roads.

Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 566436

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1988

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 42 ft.

Casing Length: 42 ft.

Date of Completion: 12/18/1979

WELL TEST DETAILS

Static Water Level: 15 ft.

Drawdown: 20 ft.

Test Rate: 1 gpm

Test Duration: 0.5 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

SAND & GRAVEL

From To

0 - 3

3 - 42

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

N

Well Log Number: 670191

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6.63 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY WELL DRILLING

Total Depth: 40 ft.

Casing Length: 41 ft.

Date of Completion: 5/24/1988

WELL TEST DETAILS

Static Water Level: 17 ft.

Drawdown: 3 ft.

Test Rate: 10 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

3' SOIL
SAND & GRAVEL
BLU CLAY
SAND & GRAVEL

From To

0 - 3

3 - 34

34 - 38

38 - 40

[Printing Tips](#) (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 141241

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: **ST. CLAIR**

State: **OH**

Location Map Year: 1969

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: **GRAVEL**

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name:

Total Depth: 35 ft.

Casing Length: 35 ft.

Date of Completion: 7/4/1963

WELL TEST DETAILS

Static Water Level: 19 ft.

Drawdown: 0 ft.

Test Rate: 8 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

CLAY

COARSE GRAVEL

PEA GRAVEL

GRAVEL

SAND

WATER AT

From To

0 - 4

4 -

-

-

-

35 - 35

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Deadly

Nº 352401

Location

Signed [Signature]

*If additional space is needed to complete well log, use next consecutive numbered form



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

WJ

Well Log Number: 896565

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City: HAMILTON

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code: 45011

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6.25 in.

Casing Diameter: 6.25 in.

Well Use: DOMESTIC

Aquifer Type: SHALE

Depth to Bedrock:

Casing Thickness: 0.188 in.

Screen Length:

Driller's Name: YEAGER WELL DRILLING & PUMPS

Total Depth: 45 ft.

Casing Length: 46 ft.

Date of Completion: 11/1/1999

WELL TEST DETAILS

Static Water Level: 43 ft.

Drawdown: 2 ft.

Test Rate: 10 gpm

Test Duration: 0.5 hrs.

Associated Reports

NONE

COMMENTS:

WELL PULLED BACK & FINISHED AT 45 HOLE FILLED WITH GRAVEL TO 45

WELL LOG

Formations

TOP SOIL
DIRTY SAND & GRAVEL
GRY CLAY
SHALE

From To

0 - 1
1 - 45
45 - 50
50 - 52

Printing Tips (opens in new window)



OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 236720

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1969

Longitude:

Section Number: 14

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: LIMESTONE

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: AGNEW MARSHALL

Total Depth: 70 ft.

Casing Length: 37 ft.

Date of Completion: 6/20/1960

WELL TEST DETAILS

Static Water Level: 10 ft.

Drawdown: 5 ft.

Test Rate: 8 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

TOP SOIL

SAND & GRAVEL

LIMESTONE

WATER AT

From To

0 - 10

10 - 28

28 - 70

18 - 18

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

[Well log questions](#) - [Web site questions](#) - [Web policies](#)

138

ORIGINAL

530553

N

Bentley
NON RESPONSIVE

St. Clair

SECTION OF TOWNSHIP

//

NON RESPONSIVE

LOCATION

BAILING OR PUMPING TEST

(Specify one by circling)

Test rate 30 gpm Duration of test 15 hrs

Drawdown 0 ft Date 9-19-77

Static level (depth to water) 30 ft

Quality (clear, cloudy, taste, odor) clear



Pump installed by Owner

SKETCH SHOWING LOCATION

To

Locate in reference to numbered state highways, street intersections, county roads, etc.

NON RESPONSIVE

Crescent Drilling

9-19-77

SIGNED

Donald P. Freshway

Hamilton, Ohio 4504

*If additional space is needed to complete well log, use next consecutive numbered form.

62

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 149874

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1988

Longitude:

Section Number: 17

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4.25 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY V L

Total Depth: 43 ft.

Casing Length: 43 ft.

Date of Completion: 5/5/1955

WELL TEST DETAILS

Static Water Level: 15 ft.

Drawdown:

Test Rate: 10 gpm

Test Duration:

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

SAND & GRAVEL

From To

0 - 43

Printing Tips (opens in new window)

OR use your browsers back button to see the last list of addresses or roads.

Well log questions - Web site questions - Web policies

WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 158199

County Butler Township St. Clair Section of Township Job #1
or Lot Number

Owner

Location

CONSTRUCTION DETAILS

Casing diameter 4" Length of casing 50 ft Pumping rate G.P.M. Duration of test hrs.
Type of screen Length of screen Drawdown ft. Date March 29 56
Type of pump Developed capacity
Capacity of pump Static level—depth to water 20 ft ft.
Depth of pump setting Pump installed by

PUMPING TEST

WELL LOG

SKETCH SHOWING LOCATION

Formations
Sandstone, shale, limestone,
gravel and clay

From

To

0 Feet

50 Ft.

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

Sand. & gravel.

Drilling Firm Vanderpool
Address Hamilton Ohio

Date March 29, 1956
Signed Herkert Vanderpool

3005

(63)

WELL LOG AND DRILLING REPORT

000000

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
1500 Dublin Road
Columbus, Ohio

No. 217444

County Bath Township Harris Section of Township Sec 14

Owner

Location

CONSTRUCTION DETAILS

Casing diameter 4 Length of casing 48
Type of screen _____ Length of screen _____
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____

BAILING OR PUMPING TEST

Pumping rate _____ G.P.M. Duration of test _____ hr
Drawdown _____ ft. Date _____
Developed capacity _____
Static level—depth to water _____
Pump installed by _____

Bailer test 156 P.M.

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
<u>Clay</u>	0 Feet	<u>2</u> Ft.
<u>Gravel</u>	<u>2</u>	<u>48</u>

SKETCH SHOWING LOCATION

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc

N.

NON RESPONSIVE

See reverse side for instructions

Drilling Firm

Date

Address

Signed

(3)

WELL LOG AND DRILLING REPORT

**NO CARBON PAPER
NECESSARY-
SELF-TRANSCRIBING**

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

619500

COUNTY Butler TOWNSHIP St. Clair SECTION OF TOWNSHIP 15

OWNER,

LOCATI

CONSTRUCTION DETAILS

casing diameter 5 3/8 Length of casing 71
 type of screen slot Length of screen 7
 type of pump _____
 capacity of pump _____
 depth of pump setting _____
 date of completion _____

BAILING OR PUMPING TEST

(specify one by circling)

Test rate 20 gpm Duration of test 2 hrs
Drawdown 51 ft Date 6-13-84
Static level (depth to water) 40 ft
Quality (clear, cloudy, taste, odor) cloudy
Pump installed by _____

WELL LOG*

**Formations: sandstone, shale,
limestone, gravel, clay**

From

To

Gravel Base	on	2 ft
Gravelly Clay	2	5
Sand	5	30
Clay	40	41
Sand with water	41	60
Gravel with water	60	71

SKETCH SHOWING LOCATION

Locate in reference to numbered
state highways, street intersections, county roads, etc.

NON RESPONSIVE

DATE _____

6-18-PY

SIGNED

W.C. Bradley

is needed to complete the next consecutive numbered form.

COPY - ODNR, DIVISION OF WATER, FOUNTAIN SQ., COLS., OHIO 43224 56

WELL LOG AND DRILLING REPORT

ORIGINAL

PLEASE USE PENCIL
OR TYPEWRITER

State of Ohio
DEPARTMENT OF NATURAL RESOURCES

No 366568

DO NOT USE INK.

Division of Water
1562 W. First Avenue
Columbus, Ohio 43212

County Butler Township St Clair Section of Township 15

Owner Don Cisle, Inc. Address Hamilton, O

Location of property _____

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

Casing diameter 8 Length of casing 72

Pumping Rate 500 G.P.M. Duration of test 8 hrs.

Type of screen See below Length of screen 15

Drawdown 11 ft. Date _____

Type of pump _____

Static level-depth to water 17 ft.

Capacity of pump _____

Quality (clear, cloudy, taste, odor) _____

Depth of pump setting _____

Pump installed by W CRANE

Date of completion _____

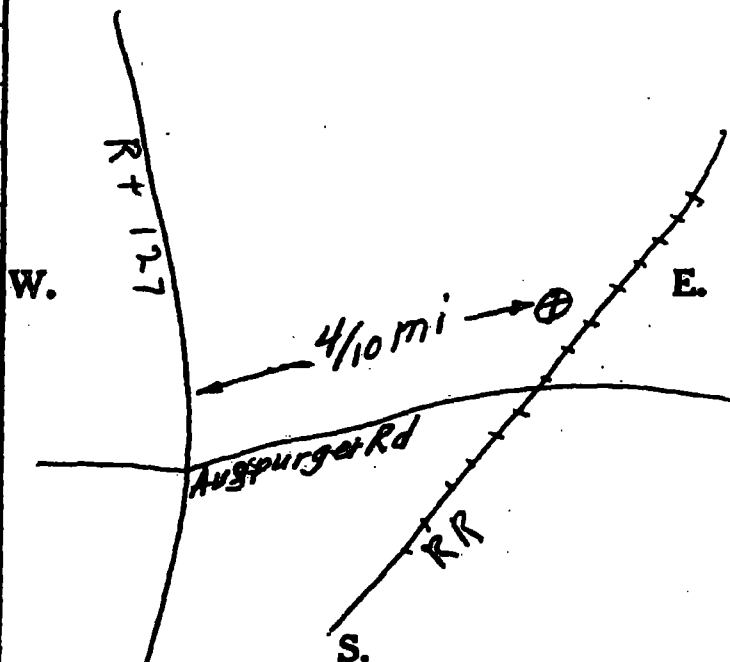
WELL LOG*

SKETCH SHOWING LOCATION

Formations Sandstone, shale, limestone, gravel and clay	From 0 Feet	To Ft.
<u>sand & gravel</u>	<u>0</u>	<u>5</u>
<u>Yellow clay</u>	<u>5</u>	<u>12</u>
<u>Sand & gravel</u>	<u>12</u>	<u>21</u>
<u>Blue clay</u>	<u>21</u>	<u>32</u>
<u>Sand & gravel</u>	<u>32</u>	<u>60</u>
<u>Sand</u>	<u>60</u>	<u>65</u>
<u>Sand & gravel</u>	<u>65</u>	<u>84</u>
<u>Coarse sand</u>	<u>84</u>	<u>87</u>
<u>Cook brass strainer 15"</u>		
<u>Top 5' # 60</u>		
<u>Middle 5' # 80</u>		
<u>Bottom 5' # 30</u>		

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

N.



Drilling Firm Wm Crane

Date 11/5/68

Address Shandon, O

Signed Wm Crane

*If additional space is needed to complete well log, use next consecutive numbered form.

2005

(48)

ORIGINAL

530983

LOCAT

BAILING OR PUMPING TEST

(specify one by circling)

Test rate 10 gpm Duration of test 1/2 hrs

Drawdown: 2.0 ft Date: 10-9-78

Static level (depth to water) 18 ft

Quality (clear, cloudy, taste, odor) cloudy

Pump installed by _____

Date of completion

SKETCH SHOWING LOCATION

From

To

Locate in reference to numbered
state highways, street intersections, county roads, etc.

topsoil	0 ft	5 ft
sand/gravel	5	37
sandy clay	37	42

NON RESPONSIVE

DATE 10-11-78

SIGNED Wm C. Feltner

3775 Taylor School Rd.
Hamilton, Ohio

* If additional space is needed to complete well log, use next consecutive numbered form.

2004

54

WELL LOG AND DRILLING REPORT

ORIGINAL

OHIO WATER RESOURCES BOARD

Department of Public Works

553 E. Broad St., Columbus 15, Ohio

County

Butler

Township

St. Clair

Section of Township

14

Owner

American Mutual Life Insurance Co.

Location of property

New Miami, Ohio North of Hamilton

CONSTRUCTION DETAILS

PUMPING TEST

Casing diameter 8" Length of casing 57

Type of screen Length of screen

Type of pump

Capacity of pump

Depth of pump setting

Pumping rate 2 G.P.M. Duration of test hrs.

Drawdown ft. Date 4/23/49

Developed capacity 120 gals. per min.

Static level of completed well 48 ft.

Pump installed by

WELL LOG

SKETCH SHOWING LOCATION

Formations
Sandstone, shale, limestone,
gravel and clay

From

To

0 Feet

57 Ft.

57'

70'

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

Where in New Miami?

Augustburger ave. at B & O P.A.

W.

E.

S.

See reverse side for instructions

Drilling Firm

V. L. Treadway

Date

April 27, 1949

Address

R. R. 8 Ross Road

Signed

V. L. Treadway

2005

(48)

County Permit No.

WE LOG AND DRILLING REPORT

ORIGINAL

**NO CARBON PAPER
NECESSARY-
SELF-TRANSCRIBING**

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

570962

COUNTY Butler TOWNSHIP St Clair SECTION OF TOWNSHIP 15
OWNER Don Cisle Inc ADDRESS 15 Nat Bank Bldg
LOCATION OF PROPERTY New Miami Hamilton, O

CONSTRUCTION DETAILS

Casing diameter 6" Length of casing 52
Type of screen COOK 35 # 25 Length of screen 4
Type of pump _____
Capacity of pump _____
Depth of pump setting _____
Date of completion _____

BAILING OR PUMPING TEST
(specify one by circling)

Test rate 35 gpm Duration of test 4 hrs
Drawdown 4 ft Date 8/1
Static level (depth to water) 31'6" ft
Quality (clear, cloudy, taste, odor) _____
Pump installed by _____

WELL LOG*[illegible]

SKETCH SHOWING LOCATION

Locate in reference to numbered
state highways, street intersections, county roads, etc.

A hand-drawn sketch map showing a road intersection. A vertical road is labeled "Rt 127". A diagonal road is labeled "Augsburger Rd" and "Augsburger Rd". A curved road is labeled "Rt 127". A compass rose indicates North (N) at the top, South (S) at the bottom, East (E) to the right, and West (W) to the left. A distance of 100' is marked along the vertical road.

DRILLING FIRM W/M Crane
ADDRESS Shandon, C

DATE 2/1/80
SIGNED [Signature]

*If additional space is needed to complete well log, use next consecutive numbered form.

WELL LOG AND DRILLING REPORT

ORIGIN.

X= 1,426,000 12,000' State of Ohio
 Y= 532,000 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 Columbus, Ohio

30
 No 79271

County BUTLER Township ST. CLAIR Section of Township
 or Lot Number 15

Owner H. S. Cisle Address 808 First Nat Bank Bldg

Location of property 1/4 M. NORTH AUGSBURGER RD WEST B & D. RR.
1/4 MILE E NEW MIAMI.

CONSTRUCTION DETAILS

PUMPING TEST

Casing diameter 6" Length of casing 70' Pumping rate 1 G.P.M. Duration of test 1 hrs
 Type of screen 1/2" Length of screen 10' Drawdown 1 ft. Date 4-22-52
 Type of pump 1/2" Developed capacity 1 ft.
 Capacity of pump 1 ft. Static level—depth to water 30' ft
 Depth of pump setting 1 ft. Pump installed by 1

WELL LOG

SKETCH SHOWING LOCATION

Formations
 Sandstone, shale, limestone,
 gravel and clay

From

To

0 Feet

25 Ft.

25

65

65

70

gravel
 clay gravel
 gravel sand

3
 Water 70 ft

Locate in reference to numbered
 State Highways, St. Intersections, County roads, etc.

N.

W.

E.

S.

See reverse side for instructions

Drilling Firm Taggart Pump Rep
 Address 2017 Clark St. Wellwood
Hamilton Ohio

Date 4-22-52
 Signed Charles L. Taggart

2005

(48)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 217444

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City:

Location Number: 37

Latitude:

Township: **ST. CLAIR**

State: **OH**

Location Map Year: 1984

Longitude:

Section Number: 14

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4 in.

Well Use:

Aquifer Type: **GRAVEL**

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: **HOOVER J B**

Total Depth: 48 ft.

Casing Length: 48 ft.

Date of Completion: 10/25/1959

WELL TEST DETAILS

Static Water Level:

Drawdown:

Test Rate: 15 gpm

Test Duration:

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

CLAY

GRAVEL

From To

0 - 2

2 - 48

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 79271

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**
County: BUTLER
Address: **NON RESPONSIVE**
City:
Location Number: 48
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1988
Longitude:

Section Number: 15
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 6 in.
Well Use:
Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: TAGGART PUMP REPAIR & WELL DRLG
Total Depth: 70 ft.
Casing Length: 70 ft.
Date of Completion: 4/22/1953

WELL TEST DETAILS

Static Water Level: 30 ft.
Drawdown:

Test Rate:
Test Duration:
Associated Reports
NONE

COMMENTS:

WELL LOG

Formations
/EL
GRAVEL & CLAY
SAND & GRAVEL
WATER AT

From	To
0	25
25	65
65	70
70	70

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 48629

ORIGINAL OWNER AND LOCATION

Original Owner Name: AMERICAN MATERIALS
County: BUTLER
Address: AUGSPURGER ROAD
City:
Location Number: 48
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1988
Longitude:

Section Number: 14
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 8 in.
Well Use:
Aquifer Type: SHALE AND SANDSTONE

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: TREADWAY V L

Total Depth: 70 ft.
Casing Length: 57 ft.
Date of Completion: 4/27/1949

WELL TEST DETAILS

Static Water Level: 48 ft.
Drawdown:

Test Rate:
Test Duration:

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations
GRAVEL/SAND/CLAY
SHALE & SANDSTONE

From	To
0	57
57	70

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

4

Well Log Number: 212713

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1969

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4.25 in.

Well Use:

Aquifer Type: GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TAGGART PUMP REPAIR & WELL DRLG

Total Depth: 43 ft.

Casing Length: 43 ft.

Date of Completion: 11/4/1981

WELL TEST DETAILS

Static Water Level: 21 ft.

Drawdown: 0 ft.

Test Rate: 5 gpm

Test Duration: 2 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations

GRAVEL & SAND

CLAY

SAND

CLAY

GRAVEL

From To

0 - 25

25 - 35

35 - 38

38 - 40

40 - 43

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Y

Well Log Number: 735518

ORIGINAL OWNER AND LOCATION

Original Owner Name: *PIERSON ELECTRIC*
County: *BUTLER*
Address: *2105 CALDWELL STREET*
City:
Location Number:
Latitude:

Township: *ST. CLAIR*
State: *OH*
Location Map Year:
Longitude:

Section Number:
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: *6 in.*
Well Use: *DOMESTIC*
Aquifer Type: *SAND AND GRAVEL*

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: *WILSON WELL DRLG, VERL*

Total Depth: *40 ft.*
Casing Length: *40 ft.*
Date of Completion: *9/2/1991*

WELL TEST DETAILS

Static Water Level: *22 ft.*
Drawdown: *10 ft.*

Test Rate: *20 gpm*
Test Duration: *2 hrs.*

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations
BRN CLAY
SAND & GRAVEL
CLAY

From	To
0	2
2	38
38	40

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 135820

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1969

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4.25 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 43 ft.

Casing Length: 43 ft.

Date of Completion: 10/20/1954

WELL TEST DETAILS

Static Water Level: 21 ft.

Drawdown: 4 ft.

Test Rate: 6 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:

WELL LOG

Formations
SOIL
SAND & GRAVEL
HARDPAN
SAND & GRAVEL

From To

0 - 4

4 - 34

34 - 40

40 - 43

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

2
1

Well Log Number: 38191

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**
County: BUTLER
Address: **NON RESPONSIVE**
City:
Location Number:
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1969
Longitude:

Section Number: 15
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 4 in.
Well Use:
Aquifer Type: GRAVEL AND SAND

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name:

Total Depth: 47 ft.
Casing Length: 47 ft.
Date of Completion: 11/21/1953

WELL TEST DETAILS

Static Water Level: 28 ft.
Drawdown:

Test Rate:
Test Duration:

Associated Reports:
NONE

COMMENTS:

WELL LOG

Formations
GRAVEL & SAND
CLAY
WATER AT

From	To
0	34
34	47
47	47

Printing Tip (opens in new window)

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[Well log questions](#) - [Web site questions](#) - [Web policies](#)



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 765365

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Borehole Diameter:

Casing Diameter: 6.25 in.

Casing Diameter:

Well Use: DOMESTIC

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Total Depth: 50 ft.

Casing Thickness:

Casing Thickness:

Screen Length: 3 ft.

Driller's Name: YEAGER WELL DRILLING & PUMPS

Casing Length: 48 ft.

Casing Length: 48 ft.

Date of Completion: 10/1/1993

WELL TEST DETAILS

Static Water Level: 22 ft.

Drawdown: 3 ft.

Test Rate: 20 gpm

Test Duration: 0.5 hrs.

Associated Reports

NONE

COMMENTS:

LOG

Formations

TOP SOIL

YEL GRAVELLY CLAY

SAND & GRAVEL

CLAY

SAND & GRAVEL

From To

0 - 3

3 - 8

8 - 31

31 - 40

40 - 50

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**Water Well Log and Drilling Report**

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 624391

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1988

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 65 ft.

Casing Length: 65 ft.

Date of Completion: 10/3/1985

WELL TEST DETAILS

Static Water Level: 20 ft.

Drawdown: 2 ft.

Test Rate: 20 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:**WELL LOG****Formations**

TOP SOIL

YEL SOIL

SAND

GRAVELLY CLAY

SAND & GRAVEL

From To

0 - 4

4 - 15

15 - 35

35 - 38

38 - 65

Printing Tips (opens in new window)

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 79295

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: BUTLER

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1969

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TAGGART PUMP REPAIR & WELL DRLG

Total Depth: 52 ft.

Casing Length: 53 ft.

Date of Completion: 7/21/1954

WELL TEST DETAILS

Static Water Level: 25 ft.

Drawdown:

Test Rate:

Test Duration:

Associated Reports

NONE

COMMENTS:

WELL LOG

Locations

7 SOIL

SAND & GRAVEL

RED SAND & CLAY

SAND & GRAVEL

From To

0 - 9

9 - 25

25 - 47

47 - 52

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**Water Well Log and Drilling Report**

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Y

Well Log Number: 135819

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year: 1989

Longitude:

Section Number: 15

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 4.25 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: TREADWAY DRILLING

Total Depth: 33 ft.

Casing Length: 33 ft.

Date of Completion: 10/18/1954

WELL TEST DETAILS

Static Water Level: 13 ft.

Drawdown: 4 ft.

Test Rate: 6 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:**WELL LOG**Formations

TOP SOIL

SAND & GRAVEL

From To

0 - 5

5 - 33

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Well log questions - Web site questions - Web policies



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 220464

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**
County: BUTLER
Address: **NON RESPONSIVE**
City:
Location Number:
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1969
Longitude:

Section Number:
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 5 in.
Well Use:
Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name: TREADWAY V L

Total Depth: 40 ft.
Casing Length: 40 ft.
Date of Completion: 1/9/1959

WELL TEST DETAILS

Static Water Level: 20 ft.
Drawdown:

Test Rate:
Test Duration:

Associated Reports
NONE

COMMENTS:

WELL LOG

Materials
ID & GRAVEL
WATER AT

From To
0 - 40
30 - 30

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 196479

ORIGINAL OWNER AND LOCATION

Original Owner Name: BROENING
County: BUTLER
Address: 2001 CALDWELL STREET
City:
Location Number:
Latitude:

Township: ST. CLAIR
State: OH
Location Map Year: 1969
Longitude:

Section Number: 15
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 4 in.
Well Use:
Aquifer Type: GRAVEL

Depth to Bedrock:
Casing Thickness:
Screen Length:
Driller's Name:

Total Depth: 31 ft.
Casing Length: 31 ft.
Date of Completion: 9/11/1963

WELL TEST DETAILS

Static Water Level:
Drawdown:

Test Rate:
Test Duration:

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations
TOP SOIL
GRAVEL

From	To
0	1
1	31

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 408646

ORIGINAL OWNER AND LOCATION

Original Owner Name: **NON RESPONSIVE**

County: **BUTLER**

Address: **NON RESPONSIVE**

City:

Location Number:

Latitude:

Township: **ST. CLAIR**

State: **OH**

Location Map Year: **1988**

Longitude:

Section Number: **15**

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: **6 in.**

Well Use:

Aquifer Type: **SAND AND GRAVEL**

Depth to Bedrock:

Casing Thickness:

Screen Length:

Driller's Name: **TREADWAY V L**

Total Depth: **45 ft.**

Casing Length: **45 ft.**

Date of Completion: **3/2/1971**

WELL TEST DETAILS

Static Water Level: **15 ft.**

Drawdown: **0 ft.**

Test Rate: **1 gpm**

Test Duration: **1 hrs.**

Associated Reports

NONE

COMMENTS:

WELL LOG

nations
ND & GRAVEL
TOP SOIL
WATER AT

From To

0 - 45

45 - 45

18 - 18

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Well log questions - Web site questions - Web policies

4

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 670166

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON RESPONSIVE

County: BUTLER

Address: NON RESPONSIVE

City:

Location Number:

Latitude:

Township: ST. CLAIR

State: OH

Location Map Year:

Longitude:

Section Number:

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Casing Diameter: 6.63 in.

Well Use:

Aquifer Type: SAND AND GRAVEL

Depth to Bedrock:

Casing Thickness:

Screen Length: 4 ft.

Driller's Name: TREADWAY WELL DRILLING

Total Depth: 52 ft.

Casing Length: 49 ft.

Date of Completion: 10/23/1987

WELL TEST DETAILS

Static Water Level: 25 ft.

Drawdown:

Test Rate: 30 gpm

Test Duration: 1 hrs.

Associated Reports

NONE

COMMENTS:**WELL LOG****Formations**

TOP SOIL

SAND & GRAVEL

CLAY

SAND & GRAVEL

From To

0 - 3

3 - 33

33 - 46

46 - 52

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